

Peer-reviewed journal articles

1)-Dependence of the Wittig reaction mechanism on the environment and on the substituents at the aldehyde group and at the phosphonium ylide

Alagona* G.; Ghio C.subjectDensity functional calculationssubjectReaction mechanismssubjectWittig reactionssubjectacetaldehydesubjecttrimethylphosphonium ylide
International journal of quantum chemistry 110 (2010): 765–776.
<https://dx.doi.org/10.1002/qua.22207>

2)-Crater drilling enhancement obtained in parallel non-collinear double-pulse laser ablation

Cristoforetti G.; Legnaioli S.; Palleschi V.; Tognoni E.; Benedetti P.A.
Applied physics. A, Materials science & processing (Print) 98 (2010): 219–225.
<https://dx.doi.org/10.1007/s00339-009-5379-8>

3)-Free energy landscapes in THF for the Wittig reaction of acetaldehyde and triphenylphosphonium ylide

Alagona* G.; Ghio* C.subjectReaction mechanismssubjectWittig reactionssubjectB3P86/6-31G*subjectIEF-PCMsubjectacetaldehyde
International journal of quantum chemistry 110 (2010): 2509–2521.
<https://dx.doi.org/10.1002/qua.22752>

4)-Scaling Laws for Multi-Walled Carbon Nanotube Growth by Catalyzed Chemical Vapor Deposition

S. Santangelo; C. Milone; M. Lanza; A. Pistone; G. Messina; G. Faggio
Journal of nanoscience and nanotechnology (Print) 10 (2010): 1–10.
<http://www.cnr.it/prodotto/i/40209>

info:cnr-pdr/source/autori:S. Santangelo, C. Milone, M. Lanza, A. Pistone, G. Messina, and G. Faggio/titolo:Scaling Laws for Multi-Walled Carbon Nanotube Growth by Catalyzed Chemical Vapor Deposition/

5)-Preparation of nanotubes-clay hybrid systems by iron-catalyzed isobutane decomposition

S. Santangelo; M. Dhanagopal; G. Faggio; G. Messina; A. Pistone; M.Lanza; C. Milone
Diamond and related materials 19 (2010): 599–603.
<http://www.cnr.it/prodotto/i/40210>

info:cnr-pdr/source/autori:S. Santangelo, M. Dhanagopal, G. Faggio, G. Messina, A. Pistone, M.Lanza, C. Milone/titolo:Preparation of nanotubes-clay hybrid systems by iron-catalyzed isobutane decomposition/

6)-Calibration of reaction parameters for the improvement of thermal stability and crystalline quality of MWCNTs

S. Santangelo; G. Messina; G. Faggio; M. Lanza; A. Pistone; C. Milone
Journal of materials science 45 (2010): 783–792.

<http://www.cnr.it/prodotto/i/40211>

info:cnr-pdr/source/autori:S. Santangelo; G. Messina; G. Faggio; M. Lanza; A. Pistone; C. Milone/titolo:Calibration of reaction parameters for the improvement of thermal stability and crystalline quality of MWCNTs/

7)-Fe-catalysed synthesis of C nanotubes by i-C₄H₁₀ decomposition: advantages and problems deriving from H₂ addition to the growth ambient

S. Santangelo; C. Milone; M. Lanza; G. Messina

1-8 (2010): 1862.

<http://www.cnr.it/prodotto/i/40212>

info:cnr-pdr/source/autori:S. Santangelo, C. Milone, M. Lanza, G. Messina/titolo:Fe-catalysed synthesis of C nanotubes by i-C₄H₁₀ decomposition: advantages and problems deriving from H₂ addition to the growth ambient/

8)-K₁₀ Montmorillonite based catalysts for the growth of Multi Walled Carbon Nanotubes through CCVD

C Milone; M Dhanagopal; S Santangelo; M Lanza; S Galvagno; G Messina

49 (2010): 3242–3249.

<http://www.cnr.it/prodotto/i/40213>

info:cnr-pdr/source/autori:C Milone, M Dhanagopal, S Santangelo, M Lanza, S Galvagno, G Messina/titolo:K₁₀ Montmorillonite based catalysts for the growth of Multi Walled Carbon Nanotubes through CCVD/

9)-Crystalline quality evaluation in carbon nanotubes by kinetic analysis in quasi-isothermal conditions

M. Lanza; S Santangelo; G Messina; S. Galvagno; C. Milone

ChemPhysChem (Print) 11 (2010): 1925–1931.

<http://www.cnr.it/prodotto/i/40214>

info:cnr-pdr/source/autori:M. Lanza, S Santangelo, G Messina, S. Galvagno, C. Milone/titolo:Crystalline quality evaluation in carbon nanotubes by kinetic analysis in quasi-isothermal conditions/

10)-Indication of Local Phase Separation in Polyimide/Silica Hybrid Polymers

A. Bartolotta; P. Calandra
subjectdynamic mechanical spectroscopy
subjectFT-IR
subjectpolyimides

Macromolecular chemistry and physics (Print) 211 (2010): 1784–1792.

<https://dx.doi.org/10.1002/macp.201000110>

11)-Subglass Cooperative Mechanical Relaxations and Activation Entropy in Heterocyclic Polymer Networks

A. Bartolotta; G. Carini Jr.; G. Carini; G. Di Marco; G. Tripodo

Macromolecules (Print) 43 (2010): 4798–4804.

<https://dx.doi.org/10.1021/ma100137w>

12)-Restricted dynamics in oriented semicrystalline polymers: Poly(vinylidene fluoride)

Amelia Linares; Aurora Nogales; Alejandro Sanz; Tiberio A. Ezquerra; Marco Pieruccini
Physical review. E, Statistical, nonlinear, and soft matter physics (Print) 82 (2010): 031802-1–031802-11.

<https://dx.doi.org/10.1103/PhysRevE.82.031802>

13)-Calculation of the local optical density of states in absorbing and gain media

O Di Stefano; N Fina; S Savasta; R Girlanda; M Pieruccini
Journal of physics. Condensed matter (Print) 22 (2010): 315302.

<https://dx.doi.org/10.1088/0953-8984/22/31/315302>

14)-The influence of crystal formation on segmental mobility in polymers: hints from a statistical mechanical relaxation model

Marco Pieruccini and Araceli Flores
Colloid and polymer science (Print) 288 (2010): 365–376.

<https://dx.doi.org/10.1007/s00396-009-2128-7>

15)-Single wall carbon nanotubes deposited on stainless steel sheet substrates as novel counter electrodes for ruthenium polypyridine based dye sensitized solar cells

Calogero G.; Bonaccorso F.; Maragò O. M.; Gucciardi P. G.; Di Marco G.subjectcarbon nanotubessubjectdye-sensitizers solar cellssubjectnanotechnologysubjectmaterials
Dalton transactions (2003. Print) 39 (2010): 2903–2909.

<https://dx.doi.org/10.1039/B917954B>

16)-Metal Nanoparticles and Carbon-Based Nanostructures as Advanced Materials for Cathode Application in Dye-Sensitized Solar Cells

Calandra, P; Calogero, G; Sinopoli, A; Gucciardi, PGsubjectdye sensitized solar cellssubjectphotovoltaicssubjectmetal nanoparticlessubjectcarbon nanotubessubjectgraphene
International Journal of Photoenergy (Print) 2010 (2010): 109495.

<http://www.cnr.it/prodotto/i/40225>

info:cnr-pdr/source/autori:Calandra, P; Calogero, G; Sinopoli, A; Gucciardi, PG/titolo:Metal Nanoparticles and Carbon-Based Nanostructures as Advanced Materials for Cathode Application in Dye-Sensitized Solar Cells/

17)-Mechanical model for relaxation phenomena in viscoanelastic media of order one

F. Farsaci; V. Ciancio; P. Rogolino
Physica. B, Condensed matter (Print) 405 (2010): 3208–3212.

<http://www.cnr.it/prodotto/i/40226>

info:cnr-pdr/source/autori:F. Farsaci; V. Ciancio; P. Rogolino/titolo:Mechanical model for relaxation phenomena in viscoanelastic media of order one/

18)-Density gradient ultracentrifugation of Nanotubes: interplay of bundling and surfactants encapsulation

Bonaccorso, F; Hasan, T; Tan, PH; Sciascia, C; Privitera, G; Di Marco, G; Gucciardi, PG; Ferrari, AC/subject:SINGLE WALLED CARBON NANOTUBES; SODIUM DODECYLSULFATE; BILE-SALT MICELLES; EXCITON ENERGY-TRANSFER; CO-MO CATALYSTS; RAMAN-SPECTROSCOPY

Journal of physical chemistry. C 114 (2010): 17267–17285.

<http://www.cnr.it/prodotto/i/40228>

info:cnr-pdr/source/autori:Bonaccorso, F; Hasan, T; Tan, PH; Sciascia, C; Privitera, G; Di Marco, G; Gucciardi, PG; Ferrari, AC/titolo:Density gradient ultracentrifugation of Nanotubes: interplay of bundling and surfactants encapsulation/

19)-Sequence, Stoichiometry, and Dimensionality Control in Porphyrin/bis-Calix[4]arene Self-Assemblies in Aqueous Solution

Alessandro D'Urso; Domenico Andrea Cristaldi; Maria Elena Fragalà; Giuseppe Gattuso; Andrea Pappalardo; Valentina Villari; Norberto Micali; Sebastiano Pappalardo; Melchiorre F. Parisi; Roberto Purrello/subject:calixarenes; light scattering; noncovalent synthesis; porphyrinoids; self-assembly

Chemistry (Weinh., Print) 16 (2010): 10439–10446.

<https://dx.doi.org/10.1002/chem.201000803>

20)-Optical and sensing features of TPPS4 J-aggregates embedded in Nafion (R) membranes: influence of casting solvents

Maria Angela Castriciano; Alessandra Carbone; Ada Sacca; Maria Grazia Donato; Norberto Micali; Andrea Romeo; Giovanna De Luca; Luigi Monsù Scolaro

Journal of materials chemistry (Print) 20 (2010): 2882–2886.

<https://dx.doi.org/10.1039/b924667c>

21)-Amphiphilic Cyclodextrins as Nanocarriers of Genistein: A Spectroscopic Investigation Pointing Out the Structural Properties of the Host/Drug Complex System

R. Stancanelli; M. Guardo; C. Cannava; G. Guglielmo; P. Ficarra; V. Villari; N. Micali; A. Mazzaglia

Journal of pharmaceutical sciences 99 (2010): 3141–3149.

<https://dx.doi.org/10.1002/jps.22065>

22)-Single-crystal diamond MIS diode for deep UV detection

Alfieri D.; Almaviva S.; De Sio A.; Donato M.G.; Faggio G.; Giannini A.; Messina G.; Morgante S.; Pace E.; Santangelo S.; Scuderi S.; Tripodi P.

Radiation effects and defects in solids (Print) 165 (2010): 737–745.

<http://www.cnr.it/prodotto/i/40245>

info:cnr-pdr/source/autori:Alfieri D.; Almaviva S.; De Sio A.; Donato M.G.; Faggio G.; Giannini A.; Messina G.; Morgante S.; Pace E.; Santangelo S.; Scuderi S.; Tripodi P./titolo:Single-crystal diamond MIS diode for deep UV detection/

23)-Real-Time Circular Dichroism Spectrograph Based on a Single Liquid Crystal Diffractive Element

A.Mazzulla; C.Provenzano; P.Pagliusi; G.Cipparrone
subject POLARIZATION MODULATION; SPECTROMETER

Molecular crystals and liquid crystals (Phila. Pa. : 2003) 516 (2010): 233–239.

<https://dx.doi.org/10.1080/15421400903409473>

24)-Method for artifact-free circular dichroism measurements based on polarization grating

C.Provenzano; P.Pagliusi; A.Mazzulla; G.Cipparrone
subject CD spectra; Circular dichroism; Diffraction orders; Polarization gratings

Optics letters 35 (2010): 1822.

<https://dx.doi.org/10.1364/OL.35.001822>

25)-Observation of hysteresis effects in POLICRYPS holographic gratings

L. De Sio; A. De Luca; G. Liveri; C. Umeton

Optics express 18 (2010): 31.

<http://www.cnr.it/prodotto/i/40248>

info:cnr-pdr/source/autori:L. De Sio, A. De Luca, G. Liveri, C. Umeton/titolo:Observation of hysteresis effects in POLICRYPS holographic gratings/

26)-Polarization holographic recording in amorphous polymer with photoinduced linear and circular birefringence

Cipparrone G.; Pagliusi P.; Provenzano C.; Shibaev V.P.

114 (2010): 8900.

<http://www.cnr.it/prodotto/i/40249>

info:cnr-pdr/source/autori:Cipparrone G., Pagliusi P., Provenzano C., Shibaev V.P./titolo:Polarization holographic recording in amorphous polymer with photoinduced linear and circular birefringence/

27)-Polarization gradient: exploring an original route for optical trapping and manipulation

Cipparrone G.; Ricardez-Vargas I.; Pagliusi P.; Provenzano C.

Optics express 18 (2010): 6008.

<http://www.cnr.it/prodotto/i/40250>

info:cnr-pdr/source/autori:Cipparrone G., Ricardez-Vargas I., Pagliusi P., Provenzano C./titolo:Polarization gradient: exploring an original route for optical trapping and manipulation/

28)-Anisotropic dynamic changes in the pore network structure, fluid diffusion and fluid flow in articular cartilage under compression

G. W. Greene; B. Zappone; O. Söderman; D. Topgaard; H. Zeng; J. N. Israelachvili

Biomaterials 31 (2010): 3117.

<http://www.cnr.it/prodotto/i/40251>

info:cnr-pdr/source/autori:G. W. Greene, B. Zappone, O. Söderman, D. Topgaard, H. Zeng, J. N. Israelachvili/titolo:Anisotropic dynamic changes in the pore network structure, fluid diffusion and fluid flow in articular cartilage under compression/

29)-Structural Transformations of PZT 53/47 Sol-Gel Films on Different Substrates Driven by Thermal Treatments

Bruno E; Ciuchi F; Castriota M; Scaramuzza N. et al.

Ferroelectrics (Print) 396 (2010): 49.

<http://www.cnr.it/prodotto/i/40253>

info:cnr-pdr/source/autori: Bruno E, Ciuchi F, Castriota M, Scaramuzza N. et al./titolo: Structural Transformations of PZT 53/47 Sol-Gel Films on Different Substrates Driven by Thermal Treatments/

30)-Lasing Stability Enhancement in Dye Doped Cholesteric Liquid Crystals

De Santo MP; Matranga MA; Ciuchi F; et al.

516 (2010): 190.

<http://www.cnr.it/prodotto/i/40254>

info:cnr-pdr/source/autori: De Santo MP, Matranga MA, Ciuchi F, et al./titolo: Lasing Stability Enhancement in Dye Doped Cholesteric Liquid Crystals/

31)-Surface order reconstruction in nematics

H. Ayebe; G. Lombardo; F. Ciuchi; R. Hamdi; A. Gharbi; G. Durand; R. Barberis
subjectLIQUID-CRYSTALsubjectTRANSITIONsubjectDEVICESubjectCELL

Applied physics letters 97 (2010): 104104.

<https://dx.doi.org/10.1063/1.3455885>

32)-Investigation of corneal topography after deep lamellar endothelial keratoplasty

M.Lombardo; M.A. Therry; G. Lombardo; S. Serrao; P. Ducolis
subjectPHOTOREFRACTIVE KERATECTOMYsubjectBIOMECHANICAL MODELsubjectCOLLAGEN FIBRILSsubjectDLEKsubjectSTROMA

European Journal of Ophthalmology (Testo stamp.) 20 (2010): 971–978.

<http://www.cnr.it/prodotto/i/40256>

info:cnr-pdr/source/autori: M.Lombardo, M.A. Therry, G. Lombardo, S. Serrao, P. Ducoli/titolo: Investigation of corneal topography after deep lamellar endothelial keratoplasty/

33)-Wave aberration of human eyes and new descriptors of image optical quality and visual performance

M. Lombardo; G. LombardosubjectHIGHER-ORDER ABERRATIONS; AGE-RELATED-CHANGES; MONOCHROMATIC ABERRATIONS; CONTRAST SENSITIVITY; FRONT ABERRATIONS; LIGHT-SCATTERING; SPHERICAL-ABERRATION; CORNEAL ABERRATIONS; REFRACTIVE SURGERY; OCULAR ABERRATIONS

Journal of cataract and refractive surgery 36 (2010): 313–331.

<https://dx.doi.org/10.1016/j.jcrs.2009.09.026>

34)-Analysis of posterior donor corneal parameters one-year after Descemet Stripping Automated Endothelial Keratoplasty (DSAEK) triple procedure

M. Lombardo; M. A. Terry; G. Lombardo; D. D. Boozer; S. Serrao; P. DucolisubjectDescemet stripping automated endothelial keratoplasty; DSAEK; Endothelial keratoplasty; Corneal topography; Donor graft geometry; DSAEK triple procedure

Graefe's archive for clinical and experimental ophthalmology 248 (2010): 421–427.

<https://dx.doi.org/10.1007/s00417-009-1284-2>

35)-Moving mesh partial differential equations to describe nematic order dynamics

A. Amoddeo; R. Barberi; G. LombardosubjectBOUNDARY-VALUE PROBLEMSsubjectLIQUID-CRYSTALSsubjectVARIABLE DEGREEsubjectORIENTATION

Computers & mathematics with applications (1987) 60 (2010): 2239–2252.

<https://dx.doi.org/10.1016/j.camwa.2010.08.014>

36)-Elastic anisotropy at a glance:the optical signature of disclination lines

M. Buscaglia; G. Lombardo; L. Cavalli; R. Barberi; T. BellinisubjectNEMATIC LIQUID-CRYSTALSsubjectQUENCHED

DISORDERsubjectCONSTANTSsubjectALIGNMENTsubjectORDER

Soft matter (Print) 6 (2010): 5434–5442.

<https://dx.doi.org/10.1039/c0sm00578a>

37)-Thermal induced changes of lead zirconium titanate films and their consequences for liquid crystal devices applications

Castriota M.; D'Elia S.; Marino S.; Cazzanelli E.; Scaramuzza N.; Versace C.; Bartolino R. *90* (2010): 2223.

<http://www.cnr.it/prodotto/i/40261>

info:cnr-pdr/source/autori:Castriota M., D'Elia S., Marino S., Cazzanelli E., Scaramuzza N., Versace C., Bartolino R./titolo:Thermal induced changes of lead zirconium titanate films and their consequences for liquid crystal devices applications/

38)-Mechanisms leading to fast relaxation of liquid crystal cells aligned with conductive polymers

Nicastro G.; Scaramuzza N.; Bartolino R.; Alexe-Ionescu AL; Ionescu AT

Journal of applied physics 108 (2010): 073519.

<http://www.cnr.it/prodotto/i/40262>

info:cnr-pdr/source/autori:Nicastro G., Scaramuzza N., Bartolino R., Alexe-Ionescu AL, Ionescu AT/titolo:Mechanisms leading to fast relaxation of liquid crystal cells aligned with conductive polymers/

39)-conductivity in PZT thin film deposited on copper substrate electrode

Ionescu AT; Alexe-Ionescu AL; Marino S; Castriota M; Strangi G; Nicastro G; Scaramuzza N

90 (2010): 1733.

<http://www.cnr.it/prodotto/i/40264>

info:cnr-pdr/source/autori:Ionescu AT, Alexe-Ionescu AL, Marino S, Castriota M, Strangi G, Nicastro G, Scaramuzza N/titolo:conductivity in PZT thin film deposited on copper substrate electrode/

40)-The role of Lys525 on the head-group anchoring of fatty acids in the highest affinity binding site of albumin

B. Rizzuti; M. Pantusa; R. Guzzi
subjectHuman serum albumin
subjectPalmitic acids
subjectLysine

Spectroscopy (Ott.) 24 (2010): 159–163.

<https://dx.doi.org/10.3233/SPE-2010-0424>

41)-Stratified dust grains in the interstellar medium - II. Time-dependent interstellar extinction

Cecchi-Pestellini C.; Cacciola A.; Iatì M.A.; Saija R.; Borghese F.; Denti P.; Giusto A.; Williams D.A.
subjectinterstellar medium
subjectabundances
subjectdusts
subjectextinction

Monthly notices of the Royal Astronomical Society (Print) 408 (2010): 535–541.

<http://www.cnr.it/prodotto/i/40268>

info:cnr-pdr/source/autori:Cecchi-Pestellini C.; Cacciola A.; Iatì M.A.; Saija R.; Borghese F.; Denti P.; Giusto A.; Williams D.A./titolo:Stratified dust grains in the interstellar medium - II. Time-dependent interstellar extinction/

42)-Native beta-lactoglobulin self-assembles into a hexagonal columnar phase on a solid surface

B. Rizzuti; B. Zappone; M. P. De Santo; R. Guzzi
subject?-lactoglobulins
subjectHexagonal columnar phases
subjectSolid surface

Langmuir 26 (2010): 1090.

<https://dx.doi.org/10.1021/la902464f>

43)-Anomalous phase behavior in a model fluid with only one type of local structure

Prestipino S.; Saija F.; Malescio G.
subjectanomalous meltings
subjectsolid-solid transitions
subjecthigh-pressure phase diagrams of the elements

The Journal of chemical physics 133 (2010): 144504.

<https://dx.doi.org/10.1063/1.3499830>

44)-Re-entrant melting of the exp-6 fluid: the role of the repulsion softness

Saija F.; Malescio G.; Prestipino S.
subjectHigh-pressure phase diagrams of the elements
subjectLiquid-solid transitions
subjectSolid-solid transitions
subjectReentrant melting

Physics and chemistry of liquids (Print) 48 (2010): 477–487.

<https://dx.doi.org/10.1080/00319100903131542>

45)-Brillouin scattering investigation of ME6N liquid crystal in CCl4

Aliotta F.; Giorgini M. G.; Ponterio R. C.; Saija F. subject Brillouin scattering; Molecular binary mixtures; Hard-core models

Journal of molecular liquids (Print) 153 (2010): 67–71.

<https://dx.doi.org/10.1016/j.molliq.2009.07.013>

46)-Entropy from Correlations in TIP4P Water

Giuffr  E.; Prestipino S.; Saija F.; Saitta A. M.; Giaquinta P. V.

Journal of chemical theory and computation 6 (2010): 625–636.

<https://dx.doi.org/10.1021/ct900627q>

47)-An extended model of liquid bridging

Saija F.; Aliotta F.; Fontanella M. E.; Pochylski M.; Salvato G.; Vasi C.; Ponterio R. C.

The Journal of chemical physics 133 (2010): 081104.

<https://dx.doi.org/10.1063/1.3483690>

48)-On the scaling properties of anisotropy of interplanetary magnetic turbulent fluctuations

Sorriso-Valvo L.; Yordanova E.; Carbone V.

Europhysics letters (Print) 90 (2010): 59001.

<http://www.cnr.it/prodotto/i/40275>

info:cnr-pdr/source/autori:Sorriso-Valvo L., Yordanova E., Carbone V./titolo:On the scaling properties of anisotropy of interplanetary magnetic turbulent fluctuations/

49)-Simulation and Reference Interaction Site Model theory of methanol and carbon tetrachloride mixtures

Costa D.; Muna  G.; Saija F.; Caccamo C.

The Journal of chemical physics 132 (2010): 084506.

<https://dx.doi.org/10.1063/1.3314296>

50)-Some evidences of scaling behavior in the relaxation dynamics of aqueous polymer solutions

Pochylski M.; Aliotta F.; Ponterio R. C.; Saija F.; Gapinsky J.

The journal of physical chemistry. B 114 (2010): 1614–1620.

<https://dx.doi.org/10.1021/jp9052456>

51)-Raman scattering measurements on floating water-bridge

Ponterio, RC; Pochylski, M; Aliotta, F; Vasi, C; Fontanella, ME; Saija, F

Journal of physics. D, Applied physics (Print) 43 (2010): 175405.

<http://www.cnr.it/prodotto/i/40278>

info:cnr-pdr/source/autori:Ponterio, RC; Pochylski, M; Aliotta, F; Vasi, C; Fontanella, ME; Saija, F/titolo:Raman scattering measurements on floating water-bridge/

52)-Growth and surface structure of Zn oxide layers on a Pd(111) surface

Weirum G.; Barcaro G.; Fortunelli A.; Schennach R.; Surnev S.; Netzer F. P.

Journal of physical chemistry. C 114 (2010): 15432–15439.

<https://dx.doi.org/10.1021/jp104620n>

53)-Tetrakis-(isopropoxy-carbonyl)-copper-phthalocyanine thin films: deposition, characterization and application

G. Giancane; C. Ingrosso; M. L. Curri; A. Agostiano; L. Valli

Journal of porphyrins and phthalocyanines 14 (2010): 741–751.

<http://www.cnr.it/prodotto/i/40293>

info:cnr-pdr/source/autori:G. Giancane, C. Ingrosso, M. L. Curri, A. Agostiano, L. Valli/titolo:Tetrakis-(isopropoxy-carbonyl)-copper-phthalocyanine thin films: deposition, characterization and application/

54)-Structural investigation of 3D self-assembled PbS binary superlattices

D. Altamura; M. Corricelli; L. De Caro; A. Guagliardi; A. Falqui; A. Genovese; A. Nikulin; M. L. Curri; M. Striccoli; C. Giannini

Crystal growth & design 10 (2010): 3770–3774.

<http://www.cnr.it/prodotto/i/40295>

info:cnr-pdr/source/autori:D. Altamura, M. Corricelli, L. De Caro, A. Guagliardi, A. Falqui, A. Genovese, A. Nikulin, M. L. Curri, M. Striccoli, C. Giannini/titolo:Structural investigation of 3D self-assembled PbS binary superlattices/

55)-Emerging methods for fabricating functional structure by patterning and assembling engineered nanocrystals

M. L. Curri; R. Comparelli; M. Striccoli; A. Agostiano

PCCP. Physical chemistry chemical physics (Print) 12 (2010): 11197–11207.

<http://www.cnr.it/prodotto/i/40296>

info:cnr-pdr/source/autori:M. L. Curri, R. Comparelli, M. Striccoli, A. Agostiano/titolo:Emerging methods for fabricating functional structure by patterning and assembling engineered nanocrystals/

56)-Influence of the plasma expansion dynamics on the structural properties of pulsed laser ablation deposited tin oxide thin films

Trusso S.; Fazio B.; Fazio E.; Neri F.; Barreca F.subjectTin oxide; Pulsed laser ablation; Plasma expansion

Thin solid films (Print) 518 (2010): 5409–5415.

<https://dx.doi.org/10.1016/j.tsf.2010.03.067>

57)-Chemical implantation of Group 4 cations on silica via cyclopentadienyl-and N,N-dialkylcarbamato derivatives

Calucci, Lucia; Forte, Claudia; Pampaloni, Guido; Pinzino, Calogero; Renili, Filippo

Inorganica Chimica Acta (Testo stamp.) 363 (2010): 33–40.

<https://dx.doi.org/10.1016/j.ica.2009.10.004>

58)-Control of degradation of Polypropylene during the radical functionalization with furan and thiophene deriv

Coiai S.; Augier S.; Pinzino C.; Passaglia E.

Polymer degradation and stability 95 (2010): 298–305.

<http://www.cnr.it/prodotto/i/40308>

info:cnr-pdr/source/autori:Coiai S., Augier S., Pinzino C., Passaglia E./titolo:Control of degradation of Polypropylene during the radical functionalization with furan and thiophene deriv/

59)-Levels of Antioxidant and nutraceuticals in basil grown in hydroponics and soil

Sgherri Cristina; Cecconami Silvia; Pinzino Calogero; Navari-Izzo Flavia; Izzo Riccardo

Food chemistry 123 (2010): 416–422.

<http://www.cnr.it/prodotto/i/40309>

info:cnr-pdr/source/autori:Sgherri Cristina , Cecconami Silvia, Pinzino Calogero , Navari-Izzo Flavia, Izzo Riccardo/titolo:Levels of Antioxidant and nutraceuticals in basil grown in hydroponics and soil/

60)-Influence of structural features on the self-assembly of short ionic oligopeptides

A. Desii; F. Chiellini; C.Duce; L. Ghezzi; S. Monti; M. R. Tiné; R. Solaro

48 (2010): 889–897.

<http://www.cnr.it/prodotto/i/40310>

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ACID)subjectSTRUCTURAL
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carbidesubjectoptical propertiessubjectellipsometry

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subjectcomposite materialssubjectdiffraction gratingssubjectintegrated optical filtersubjectsilicon photonics

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subjectreactive extrusionsubjectcrosslinkingsubjectdifferential scanning calorimetrysubjectFTIRsubjectNMR

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A. Mazzaglia; N. Micali; L. Monsù Scolaro; F. Attanasio; A. Magrì; G. Pappalardo; V. VillarsubjectISLET AMYLOID POLYPEPTIDESubjectPROTEIN-MISFOLDING DISEASESsubjectPOLY(ETHYLENE OXIDE)subjectPOLY(ACRYLIC ACID)-BLOCK-POLY(L-VALINE)subjectTRANSLATIONAL DIFFUSIONsubjectALZHEIMERS-DISEASEsubjectDIABETES-MELLITUSsubjectDILUTE-SOLUTIONSsubjectHUMAN AMYLINsubjectOLIGOMERS

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V. Ciancio V; F. Farsaci; P. Rogolino

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Calzolari A.; Monti S.; Ruini A.; Catellani A.subjectab initio calculationssubjectdyessubjecthydrophilicitysubjecthydrophobicitysubjectDENSITY-FUNCTIONAL THEORY

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G.S. Senesi¹; P.A. Benedetti²; G. Cristoforetti²; S. Legnaioli²; V. Palleschi²subjectLIBSsubjectHydrogen Balmer alpha linesubjectPlasmasubjectMetals
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222)-Experimental and theoretical study of the broadening and shifting of N₂H⁺ rotational lines by helium

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224)-Selected chemical-physical properties and structural heterogeneities in 1-ethyl-3-methylimidazolium alkyl-sulfate room temperature ionic liquids

Russina O.; Gontrani L.; Fazio B.; Lombardo D.; Triolo A.; Caminiti R.

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225)-Speciation and determination of thiols in biological samples using high performance liquid chromatography-inductively coupled plasma-mass spectrometry and high performance liquid chromatography-Orbitrap MS

Sezgin Bakirdere; Emilia Bramanti; Alessandro D'Ulivo; O. Yavuz Ataman; Zoltan MestersubjectThiol; Yeast; Speciation; Orbitrap; Derivatization

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Di Benedetto, Francesco; D'Acapito, Francesco; Fornaciai, Gabriele; Innocenti, Massimo; Montegrossi, Giordano; Pardi, Luca A.; Tesi, Silvia; Romanelli, Maurizio
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Tognoni E.; Cristoforetti G.; Legnaioli S.; Palleschi V.
subjectCF-LIBSsubjectQuantitative Analysis
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229)-Effects of hypericin on the structure and aggregation properties of beta-amyloid peptides

Bramanti, Emilia (2); Lenci, Francesco (1); Sgarbossa, Antonella (1)
subjectAlzheimer's diseasesubjectBeta-AmyloidsubjectFluorescence SpectroscopysubjectFTIR spectroscopysubjectHypericin
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subjectLaser induced plasmasubjectLocal Thermodynamic EquilibriumsubjectMcWhirter criterionsubjectTransient plasmasubjectInhomogeneous plasma
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P. Defazio; P. Gamallo; M. Gonzalez; C. Petrongolo
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235)-The acylhalocapnines of halophilic bacteria: structural details of unusual sulfonate sphingoids

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Peccianti, M. (1); Pasquazi, A. (2); Assanto, G. (3); Morandotti, R. (2)subjectNonlinear optics : Harmonic generation and mixing

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Toro, C (Toro, Carlos)1; De Boni, L (De Boni, Leonardo)1; Lin, N (Lin, Na)2; Santoro, F (Santoro, Fabrizio)3; Rizzo, A (Rizzo, Antonio)3; Hernandez, FE (Hernandez, Florencio E.)1,4

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2)-A Raman Study of MMP2 and MnSOD, Two Pathology Biomarkers

David, Catalina; D'Andrea, Cristiano; Fazio, Barbara; Marago, Onofrio M.; Gucciardi, Pietro G.; de la Chapelle, Marc Lamy

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3)-Stem cells transplantation may help to regrow inner ear sensory cells and neurons in deafened mice

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Franceschini V.; Bettini S.; Revoltella R.

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V.,

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Revoltella

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Peters, A.; Melchionna, S.; Kaxiras, E.; Latt, J.; Sircar, J.; Bernaschi, M.; Bisson, M.; Succi, S.
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14)-Organic memristors: basic principles

Erokhin; V.

SCAS 2010 – 2010 IEEE Int. Symp. On Circuits and Systems: Nano-Bio Circuit Fabrics and Systems, Paris, 2010

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15)-"Paint ablation process vs. different laser wavelengths for 18 diverse spray paints used for graffiti on the monuments and historical mansions"

Daurelio G; Comparelli R; Catalano IM; Andriani SE

SPIE XVIII International Symposium on Gas Flow, Chemical Lasers, and High-Power Lasers, Sofia, Bulgaria, 2010

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16)-Dielectric characterization by means of whispering gallery mode resonators

Fittipaldi M.; Strambini E.; Martinelli M.; Annino G.

Infrared Millimeter and Terahertz Waves (IRMMW-THz), 2010 35th International Conference on, Roma, 2010

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17)-Open single-mode cavities for millimeter and submillimeter wavelengths

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C. D'Andrea; B. Fazio; V. Villari; N. Micali; O. Maragò; M.A. Iatì; G. Calogero; P.G. Gucciardi

1° GIORNATA DI STUDIO DEL DOTTORATO DI RICERCA IN FISICA DELL'UNIVERSITÀ DI MESSINA, Messina, 2010

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19)-GE and VE of the ternary mixtures chloroform or 2-methoxyethanol + THF + cyHexane at 298.15K

E.Matteoli; P.Gianni; L.Lepori
2010

<http://www.cnr.it/prodotto/i/88232>

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L.Lepori/congresso_nome:/congresso_luogo:/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

20)-Relativistic elastic tensor

F. Farsaci; V. Ciancio
2010

<http://www.cnr.it/prodotto/i/117046>

info:cnr-pdr/source/autori:F. Farsaci, V.
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21)-Multi Walled Carbon Nanotubes synthesis over clay based catalysts

C. Milone; E. Piperopoulos; S. Santangelo; M. Lanza; G. Messina; S. Galvagno

VII Convegno Nazionale AICING 2010, Bressanone (Italy), 2010

<http://www.cnr.it/prodotto/i/117060>

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22)-Multi Walled Carbon Nanotubes as adsorbent for low temperature heat adsorption pumps

E. Piperopoulos; C. Milone; L. Bonaccorsi; M. Lanza; S. Santangelo; E. Proverbio; G. Messina; S. Galvagno

XVI Congresso Nazionale di Catalisi GIC 2010, Mondello (Palermo, Italy), 2010

<http://www.cnr.it/prodotto/i/117061>

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23)-Iron-supported catalyst for the synthesis of Carbon Nanotubes by Catalytic Chemical Vapor Deposition

E. Piperopoulos; C. Milone; M. Lanza; S. Santangelo; G. Messina; S. Galvagno; G. Faggio; A. Pistone

XVI Congresso Nazionale di Catalisi GIC 2010, Mondello (Palermo, Italy), 2010

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24)-MWCNT-based hybrids for high-performance polymer composites

S. Santangelo; E. Piperopoulos; G. Faggio; M. Lanza; G. Gorrasi; S. Galvagno; G. Messina; C. Milone

International Conference on Surfaces, Coatings and Nanostructured Materials NANOSMAT-5, Remis (France), 2010

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25)-Novel polylactide-MWCNT-Clay nanocomposites: preparation, structural characterization and analysis of physical properties

C. Milone; S. Santangelo; G. Gorrasi; R. Di Lieto; S. De Pasquale; G. Patimo; E. Piperopoulos; M. Lanza; G. Faggio; F. Mauriello; G. Messina

VII Convegno Nazionale AICING 2010, Bressanone (Italy), 2010

<http://www.cnr.it/prodotto/i/117064>

info:cnr-pdr/source/autori:C. Milone, S. Santangelo , G. Gorrasi, R. Di Lieto, S. De Pasquale, G. Patimo, E. Piperopoulos, M. Lanza, G. Faggio, F. Mauriello, G. Messina/congresso_nome:VII Convegno Nazionale AICING 2010/congresso_luogo:Bressanone (Italy)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

26)-Synthesis and analysis of multi-walled carbon nanotubes/oxides hybrid materials for polymer composite

E. Piperopoulos; S. Santangelo; M. Lanza; G. Faggio; G. Messina; S. Galvagno; A. Pistone; C. Milone

DIAMOND Conference 2010, Budapest (Hungary), 2010

<http://www.cnr.it/prodotto/i/117065>

info:cnr-pdr/source/autori:E. Piperopoulos, S. Santangelo, M. Lanza, G. Faggio, G. Messina, S. Galvagno, A. Pistone, C. Milone/congresso_nome:DIAMOND Conference 2010/congresso_luogo:Budapest (Hungary)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

27)-Apparent Activation Energy of Oxidation of Multi Walled Carbon Nanotubes for Crystalline Quality Assessment

Maurizio Lanza; Saveria Santangelo; Giacomo Messina; Signorino Galvagno; Candida Milone
4th International Symposium on Carbon for Catalysis, CarboCat 2010, Dalian (China), 2010

<http://www.cnr.it/prodotto/i/117066>

info:cnr-pdr/source/autori:Maurizio Lanza, Saveria Santangelo, Giacomo Messina, Signorino Galvagno, Candida Milone/congresso_nome:4th International Symposium on Carbon for Catalysis, CarboCat 2010/congresso_luogo:Dalian (China)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

28)-Catalytic Wet Air Oxidation of p-coumaric acid: CNT versus Active Carbon

Candida Milone; Abdul Rahim; Elpida Piperopoulos; Saveria Santangelo; Maurizio Lanza; Signorino Galvagno

4th International Symposium on Carbon for Catalysis, CarboCat 2010, Dalian (China), 2010

<http://www.cnr.it/prodotto/i/117067>

info:cnr-pdr/source/autori:Candida Milone, Abdul Rahim, Elpida Piperopoulos, Saveria Santangelo, Maurizio Lanza, Signorino Galvagno/congresso_nome:4th International Symposium on Carbon for Catalysis, CarboCat 2010/congresso_luogo:Dalian (China)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

29)-Optical and Structural Properties of a Hybrid Organic-Inorganic Ternary Nanocomposite

A. Mazzaglia; V. Villari; M. A. Castriciano; G. De Luca; A. Romeo; L. Monsù Scolaro; N. Micali

Sixth International Conference on Porphyrins and Phthalocyanines (ICPP-6), New Mexico (USA), 2010

<http://www.cnr.it/prodotto/i/117074>

info:cnr-pdr/source/autori:A. Mazzaglia, V. Villari, M. A. Castriciano, G. De Luca, A. Romeo, L. Monsù Scolaro and N. Micali/congresso_nome:Sixth International Conference on Porphyrins and Phthalocyanines (ICPP-6)/congresso_luogo:New Mexico (USA)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

30)-Aggregation of cyclic porphyrin-based supramolecular architectures

V. Villari; P. Mineo; E. Scamporrino; N. Micali

Enrico Fermi school Course CLXXVI Complex materials in physics and biology, Varenna (CO), 2010

<http://www.cnr.it/prodotto/i/117075>

info:cnr-pdr/source/autori:V. Villari, P. Mineo, E. Scamporrino, N. Micali/congresso_nome:Enrico Fermi school Course CLXXVI Complex materials in physics and biology/congresso_luogo:Varenna (CO)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

31)-Light Scattering Enhancement in Porphyrin Nanocomposite

V. Villari; A. Mazzaglia; M. A. Castriciano; G. De Luca; B. Fazio; A. Romeo; L. Monsù Scolaro; N. Micali

Enrico Fermi School Course CLXXVI - Complex materials in physics and biology, Varenna (CO), 2010

<http://www.cnr.it/prodotto/i/117076>

info:cnr-pdr/source/autori:V. Villari, A. Mazzaglia, M. A. Castriciano, G. De Luca, B. Fazio, A. Romeo, L. Monsù Scolaro, N. Micali/congresso_nome:Enrico Fermi School Course CLXXVI

- Complex materials in physics and biology/congresso_luogo:Varenna (CO)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

32)-Evidence of a finite screening length of the repulsive potential among copolymer micelles in a room temperature ionic liquid

Villari V.; Triolo A.; Micali N.

Enrico Fermi School Course CLXXVI - "Complex materials in physics and biology", Varenna (CO), 2010

<http://www.cnr.it/prodotto/i/117077>

info:cnr-pdr/source/autori:Villari V., Triolo A., Micali N./congresso_nome:Enrico Fermi School Course CLXXVI - "Complex materials in physics and biology"/congresso_luogo:Varenna (CO)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

33)-Nanoassemblies of Amphiphilic Cationic beta-Cyclodextrin and Anionic Porphyrin as Potential Tools in Photodynamic Therapy

Mazzaglia A.; Monsù Scolaro L; Micali N; Villari V; Donato M.G; Díaz-Moscoso A; Ortiz Mellet C. García Fernández J.M

15th International Cyclodextrin Symposium, Vienna, 2010

<http://www.cnr.it/prodotto/i/117078>

info:cnr-pdr/source/autori:Mazzaglia A., Monsù Scolaro L, Micali N, Villari V, Donato M.G, Díaz-Moscoso A, Ortiz Mellet C. García Fernández J.M/congresso_nome:15th International Cyclodextrin Symposium/congresso_luogo:Vienna/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

34)-Lasing in blue phases I & II: thermal and electrical tuning

A. Matranga; A. Mazzulla; MP De Santo et al.

), 9th Italian National Meeting SICL 2010, Italian Society of Liquid Crystals, Cetraro (CS), 2010

<http://www.cnr.it/prodotto/i/117079>

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35)-Liquid crystal emulsions to explore optical tweezers based on polarization gradients

G. Cipparrone

5th Italian Japanese Workshop on Liquid Crystals IJLC 2010, Cetraro (CS), 2010

<http://www.cnr.it/prodotto/i/117080>

info:cnr-pdr/source/autori:G. Cipparrone/congresso_nome:5th Italian Japanese Workshop on Liquid Crystals IJLC 2010/congresso_luogo:Cetraro (CS)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

36)-Optical loss compensation: resonant energy transfer from gain media to meta-subunits

G. Strangi; A. De Luca; R. Bartolino et al.

Metamaterials 2010, Karlsruhe (Germania), 2010

<http://www.cnr.it/prodotto/i/117081>

info:cnr-pdr/source/autori:G. Strangi, A. De Luca, R. Bartolino et al./congresso_nome:Metamaterials 2010/congresso_luogo:Karlsruhe (Germania)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

37)-Self-assembled linear arrays of wall defects and virtual singularities in thin smectic-A films

B. Zappone

International Liquid Crystal Conference (ILCC2010), Krakow (Polonia), 2010

<http://www.cnr.it/prodotto/i/117082>

info:cnr-pdr/source/autori:B. Zappone/congresso_nome:International Liquid Crystal Conference (ILCC2010)/congresso_luogo:Krakow (Polonia)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

38)-Triindole Columnar Phases with High Hole Mobility: the Role of Spacers

R.Terminè; U. K. Pandey; E. M. García-Frutos; A. Omenat; J. L. Serrano; G. De Luca; B. Gómez-Lor; A. Golemme

SICL 2010 Convegno Nazionale della Società Italiana Cristalli Liquidi, Cetraro (CS), 2010

<http://www.cnr.it/prodotto/i/117083>

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39)-Nematic order dynamics: defects and confinement

R. Barberi; G.Lombardo; R. Hamdi; F. Cosenza; F.Ciuchi; M.P. De Santo; B. Zappone; G. Carbone; R. Bartolino

5th Italian - Japanese Workshop on Liquid Crystals - IJLC 2010, Cetraro (CS), 2010

<http://www.cnr.it/prodotto/i/117084>

info:cnr-pdr/source/autori:R. Barberi, G.Lombardo, R. Hamdi, F. Cosenza, F.Ciuchi, M.P. De Santo, B. Zappone, G. Carbone, R. Bartolino/congresso_nome:5th Italian - Japanese Workshop

on Liquid Crystals - IJLC 2010/congresso_luogo:Cetraro (CS)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

40)-Molecular dynamics of human serum albumin complexed with fatty acids

Rizzuti B.; Pantusa M.; Sportelli L.; Guzzi R.; Bartucci R.

PepCon 2010 – 3rd Protein and peptide conference, Beijing (China), 2010

<http://www.cnr.it/prodotto/i/117085>

info:cnr-pdr/source/autori:Rizzuti B., Pantusa M., Sportelli L., Guzzi R., Bartucci R./congresso_nome:PepCon 2010 – 3rd Protein and peptide conference/congresso_luogo:Beijing (China)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

41)-Antioxidant properties of natural compounds through their copper(II) coordination ability

Alagona G.; Ghio C.

The Intl. Society of Quantum Biology and Pharmacology (ISQBP) President's Meeting 2010, June 14-16, Cetraro (CS), Italy, 2010

<http://www.cnr.it/prodotto/i/117109>

info:cnr-pdr/source/autori:Alagona G., Ghio C./congresso_nome:The Intl. Society of Quantum Biology and Pharmacology (ISQBP) President's Meeting 2010, June 14-16/congresso_luogo:Cetraro (CS), Italy/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

42)-Theoretical Prediction of Selectivities in Nonreversible and Reversible Hydroformylation Reactions Catalyzed by Unmodified Rh-Carbonyls

Alagona G.; Ghio C.; Lazzaroni R.

Modelling & Design of Molecular Materials, MDMM 2010, July 4-8, Wroclaw (Poland), 2010

<http://www.cnr.it/prodotto/i/117110>

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43)-Selectivities in Hydroformylation Reactions of Variedly Substituted Cyclohexenes and Related Linear Substrates

Alagona G.; Ghio C.

36° Congres de Chimistes Theoricien d'Expression Latine, Chitel 2010, Sept. 18-24, Anglet (France), 2010

<http://www.cnr.it/prodotto/i/117111>

info:cnr-pdr/source/autori:Alagona G., Ghio C./congresso_nome:36° Congres de Chimistes Theoricien d'Expression Latine, Chitel 2010, Sept. 18-24/congresso_luogo:Anglet (France)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

44)-Effects of hypericin on the structure and aggregation properties of beta-amyloid peptides

E. Bramanti; F. Lenci; A. Sgarbossa

XX Congresso Nazionale della Societa' Italiana di Biofisica Pura ed Applicata (SIBPA), Arcidosso (GR), 2010

<http://www.cnr.it/prodotto/i/117112>

info:cnr-pdr/source/autori:E. Bramanti, F. Lenci, A. Sgarbossa/congresso_nome:XX Congresso Nazionale della Societa' Italiana di Biofisica Pura ed Applicata (SIBPA)/congresso_luogo:Arcidosso (GR)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

45)-Quantum dynamical approaches to the study of the of monomeric and collective deactivation mechanisms of photoexcited DNA

F.Santoro

CECAM Workshop, "Adiabatic and non-adiabatic methods in quantum dynamics", Lausanne (Svizzera), 2010

<http://www.cnr.it/prodotto/i/117113>

info:cnr-pdr/source/autori:F.Santoro/congresso_nome:CECAM Workshop, "Adiabatic and non-adiabatic methods in quantum dynamics"/congresso_luogo:Lausanne (Svizzera)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

46)-Vibrational Strucutre of one- and two-photon electronic spectra of large semirigid molecules

F.Santoro

International Workshop "Polar 2010", Tromso (Norvegia), 2010

<http://www.cnr.it/prodotto/i/117114>

info:cnr-pdr/source/autori:F.Santoro/congresso_nome:International Workshop "Polar 2010"/congresso_luogo:Tromso (Norvegia)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

47)-Human blood pyruvate to lactate conversion in vitro using hyperpolarized [1-13C]pyruvate

L. Menichetti; C. Forte; F. Frijia; L. Calucci; A. Flori; G. Giovannetti; J. H. Ardenkjaer-Larsen; M. F. Santarelli; M. Lombardi

ISMRM-ESMRMB Joint Annual Meeting 2010, Stoccolma, 2010

<http://www.cnr.it/prodotto/i/117129>

info:cnr-pdr/source/autori:L. Menichetti, C. Forte, F. Frijia, L. Calucci, A. Flori, G. Giovannetti, J. H. Ardenkjaer-Larsen, M. F. Santarelli, M. Lombardi/congresso_nome:ISMRM-ESMRMB Joint Annual Meeting 2010/congresso_luogo:Stoccolma/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

48)-Orientational order and molecular organization in mixtures of bent-core and rod-shaped mesogens by means of ^2H NMR spectroscopy

L. Calucci; K. Fodor-Csorba; C. Forte; M. Geppi

23rd International Liquid Crystal Conference, Cracovia (Polonia), 2010

<http://www.cnr.it/prodotto/i/117130>

info:cnr-pdr/source/autori:L. Calucci, K. Fodor-Csorba, C. Forte, M. Geppi/congresso_nome:23rd International Liquid Crystal Conference/congresso_luogo:Cracovia (Polonia)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

49)-Self-aggregation of gel forming PEG-PLA star block copolymers in water

L. Calucci; C. Forte; S. J. Buwalda; P. J. Dijkstra; J. Feijen

23rd International Liquid Crystal Conference, Cracovia (polonia), 2010

<http://www.cnr.it/prodotto/i/117131>

info:cnr-pdr/source/autori:L. Calucci, C. Forte, S. J. Buwalda, P. J. Dijkstra, J. Feijen/congresso_nome:23rd International Liquid Crystal Conference/congresso_luogo:Cracovia (polonia)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

50)-Boron nitride nanotubes for BNCT: first characterization of their applicability as contrast agents in MRI

L. Menichetti; C. Forte; D. De Marchi; L. Calucci; V. Positano; M. F. Santarelli; G. Ciofani; A. Menciassi; P. A. Salvadori; M. Lombardi

14th International Congress on Neutron Capture Therapy, Buenos Aires (Argentina), 2010

<http://www.cnr.it/prodotto/i/117132>

info:cnr-pdr/source/autori:L. Menichetti, C. Forte, D. De Marchi, L. Calucci, V. Positano, M. F. Santarelli, G. Ciofani, A. Menciassi, P. A. Salvadori, M. Lombardi/congresso_nome:14th International Congress on Neutron Capture Therapy/congresso_luogo:Buenos Aires (Argentina)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

51)-Orientational ordering and structure of liquid crystals by a multinuclear magnetic resonance approach

M. Geppi; S. Borsacchi; L. Calucci; A. Marini; S. Urban

23rd International Liquid Crystal Conference, Cracovia (Polonia), 2010

<http://www.cnr.it/prodotto/i/117134>

info:cnr-pdr/source/autori:M. Geppi, S. Borsacchi, L. Calucci, A. Marini, S. Urban/congresso_nome:23rd International Liquid Crystal Conference/congresso_luogo:Cracovia (Polonia)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

52)-AMPHIPHILIC COPOLYMERS FROM POLYSACCHARIDES AND (METH)ACRYLACRYLATES BY “click” promoted coupling

Bertoldo, Monica; Zampano, Giovanni; La Terra, Federico; Russo, Vincenzo; Ciardelli, Francesco

Macro2010, 43rd IUPAC World Polymer Congress, Glasgow, U.K., 2010

<http://www.cnr.it/prodotto/i/117136>

info:cnr-pdr/source/autori:Bertoldo, Monica; Zampano, Giovanni; La Terra, Federico; Russo, Vincenzo; Ciardelli, Francesco/congresso_nome:Macro2010, 43rd IUPAC World Polymer Congress/congresso_luogo:Glasgow, U.K./congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

53)-NEW HYBRID MACROMOLECULAR ARCHITECTURES BY COVALENT BINDING OF SYNTHETIC POLYMERS TO POLYSACCHARIDES

Bertoldo, Monica; Zampano, Giovanni; Ciardelli, Francesco

XII Latin American Symposium of Polymers-SLAP, Ramada Plaza, Costa Rica, 2010

<http://www.cnr.it/prodotto/i/117137>

info:cnr-pdr/source/autori:Bertoldo, Monica; Zampano, Giovanni; Ciardelli, Francesco/congresso_nome:XII Latin American Symposium of Polymers-SLAP/congresso_luogo:Ramada Plaza, Costa Rica/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

54)-Mechanisms involved in chemical generation of volatile species by aqueous boranes

A. D'Ulivo

11th Rio Symposium on Atomic Spectrometry, pp. 48, Mar del Plata (Argentina), 24-29 Ottobre 2010

<http://www.cnr.it/prodotto/i/117138>

info:cnr-pdr/source/autori:A. D'Ulivo/congresso_nome:11th Rio Symposium on Atomic Spectrometry/congresso_luogo:Mar del Plata (Argentina)/congresso_data:24-29 Ottobre 2010/anno:2010/pagina_da:48/pagina_a:/intervallo_pagine:48

55)-A Pixelated Bragg Edge Detector

Finocchiaro V; Salvato G; Aliotta F; Tresoldi D; Vasi CS; Ponterio RC
XCVI Congresso Nazionale Societa' Italiana di Fisica, Bologna, 2010

<http://www.cnr.it/prodotto/i/117139>

info:cnr-pdr/source/autori:Finocchiaro V, Salvato G, Aliotta F, Tresoldi D, Vasi CS, Ponterio RC/congresso_nome:XCVI Congresso Nazionale Societa' Italiana di Fisica/congresso_luogo:Bologna/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

56)-Effetti del tasso di intercalazione x sulle proprietà elettroniche di Na_{2x} Mn_{1-x} PS₃

Silipigni L; Schirò L; Grasso V; Monsù Scolaro L; De Luca G; Salvato G
XCVI Congresso Nazionale della Società italiana di Fisica, Bologna, 2010
<http://www.cnr.it/prodotto/i/117140>

info:cnr-pdr/source/autori:Silipigni L, Schirò L, Grasso V, Monsù Scolaro L, De Luca G, Salvato G/congresso_nome:XCVI Congresso Nazionale della Società italiana di Fisica/congresso_luogo:Bologna/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

57)-Inelastic X-Ray Scattering in Metallic Glasses

Bruna, P.; Baldi, G.; Pineda, E.; Serrano, J.; Duarte, J.; Crespo, D.; Monaco, G
SMANAM, 17th International Symposium on Metastable, Amorphous and Nanostructured Materials, Zurich (Switzerland), 2010
<http://www.cnr.it/prodotto/i/117141>

info:cnr-pdr/source/autori:Bruna, P.; Baldi, G.; Pineda, E.; Serrano, J.; Duarte, J.; Crespo, D.; Monaco, G/congresso_nome:SMANAM, 17th International Symposium on Metastable, Amorphous and Nanostructured Materials/congresso_luogo:Zurich (Switzerland)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

58)-Study of acoustic excitations in metallic glasses

Bruna, P.; Baldi, G.; Pineda, E.; Serrano, J.; Duarte, J.; Crespo, D.; Monaco, G.
IWNCS10, 10th International Workshop on Noncrystalline Solids, Barcelona (Spain), 2010
<http://www.cnr.it/prodotto/i/117142>

info:cnr-pdr/source/autori:Bruna, P.; Baldi, G.; Pineda, E.; Serrano, J.; Duarte, J.; Crespo, D.; Monaco, G./congresso_nome:IWNCS10, 10th International Workshop on Noncrystalline Solids/congresso_luogo:Barcelona (Spain)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

59)-HIGH-FREQUENCY ACOUSTIC EXCITATIONS AND BOSON PEAK IN GLASSES: A STUDY OF THEIR TEMPERATURE DEPENDENCE

Ruta, Beatrice; Baldi, Giacomo; Giordano, Valentina M.; Monaco, Giulio
NCM11, 11th International Conference on the Structure of Non-Crystalline Materials, Paris (France), 2010

<http://www.cnr.it/prodotto/i/117143>

info:cnr-pdr/source/autori:Ruta, Beatrice; Baldi, Giacomo; Giordano, Valentina M.; Monaco, Giulio/congresso_nome:NCM11, 11th International Conference on the Structure of Non-Crystalline Materials/congresso_luogo:Paris (France)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

60)-The vibrational dynamics of GeO₂ at the glass transition: a Raman and Brillouin scattering study

Rossi, Flavio; Caponi, Silvia; Baldi, Giacomo; Fontana, Aldo; Orsingher, Laura; Zanatta, Marco

XII International Workshop on Complex Systems, Andalo, Trento (Italy), 2010

<http://www.cnr.it/prodotto/i/117144>

info:cnr-pdr/source/autori:Rossi, Flavio; Caponi, Silvia; Baldi, Giacomo; Fontana, Aldo; Orsingher, Laura; Zanatta, Marco/congresso_nome:XII International Workshop on Complex Systems/congresso_luogo:Andalo, Trento (Italy)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

61)-Temperature Dependence of the High-Frequency Dynamics in Glasses

Ruta, Beatrice; Baldi, Giacomo; Giordano, Valentina M.; Monaco, Giulio

IXS 2010, 7th International Conference on Inelastic X-ray Scattering, Grenoble (France), 2010

<http://www.cnr.it/prodotto/i/117145>

info:cnr-pdr/source/autori:Ruta, Beatrice; Baldi, Giacomo; Giordano, Valentina M.; Monaco, Giulio/congresso_nome:IXS 2010, 7th International Conference on Inelastic X-ray Scattering/congresso_luogo:Grenoble (France)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

62)-HIGH-FREQUENCY ACOUSTIC EXCITATIONS AND BOSON PEAK IN GLASSES: A STUDY OF THEIR TEMPERATURE DEPENDENCE

Ruta, Beatrice; Baldi, Giacomo; Giordano, Valentina M.; Monaco, Giulio

IXS 2010, 7th International Conference on Inelastic X-ray Scattering, Grenoble (France), 2010

<http://www.cnr.it/prodotto/i/117146>

info:cnr-pdr/source/autori:Ruta, Beatrice; Baldi, Giacomo; Giordano, Valentina M.; Monaco, Giulio/congresso_nome:IXS 2010, 7th International Conference on Inelastic X-ray Scattering/congresso_luogo:Grenoble (France)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

63)-High frequency elastic anomalies and the boson peak of glasses

Baldi, Giacomo; Giordano, Valentina Maria; Ruta, Beatrice; Monaco, Giulio

XII International Workshop on Complex Systems, Andalo, Trento (Italy), 2010

<http://www.cnr.it/prodotto/i/117147>

info:cnr-pdr/source/autori:Baldi, Giacomo; Giordano, Valentina Maria; Ruta, Beatrice; Monaco, Giulio/congresso_nome:XII International Workshop on Complex Systems/congresso_luogo:Andalo, Trento (Italy)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

64)-Phase Diagram and Complexity of Mode-Locked Lasers

Leuzzi; L.

Workshop on Statistical physics of complexity, optimization and systems biology, Les Houches, France, 2010

<http://www.cnr.it/prodotto/i/117151>

info:cnr-pdr/source/autori:Leuzzi, L./congresso_nome:Workshop on Statistical physics of complexity, optimization and systems biology/congresso_luogo:Les Houches, France/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

65)-Ising Spin-Glass Transition in a Magnetic Field Outside the Limit of Validity of Mean-Field Theory

Leuzzi; L.

XII International Workshop on Complex Systems, Andalo, Trento (Italy), 2010

<http://www.cnr.it/prodotto/i/117152>

info:cnr-pdr/source/autori:Leuzzi, L./congresso_nome:XII International Workshop on Complex Systems/congresso_luogo:Andalo, Trento (Italy)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

66)-MR assessment of heel spongy bone in postmenopausal women: a comparison between calcaneus, subtalar calcaneus, and talus regions in healthy, osteopenic and osteoporotic subjects

Capuani, S.; Rebuzzi, M.; Fasano, F.; Hagberg, G.; di Mario, M.; Vinicola, V.; Maraviglia, B.

Convegno ECR (European Congresso of Radiology), Vienna, 2010

<http://www.cnr.it/prodotto/i/117153>

info:cnr-pdr/source/autori:Capuani, S.; Rebuzzi, M.; Fasano, F.; Hagberg, G.; di Mario, M.; Vinicola, V.; Maraviglia, B./congresso_nome:Convegno ECR (European Congresso of Radiology)/congresso_luogo:Vienna/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

67)-Imaging e spettroscopia in risonanza magnetica nucleare su protone e ^{19}F per incrementare l'efficacia della BNCT nel trattamento dei gliomi cerebrali

Capuani S.

XCVI Convegno SIF, Bologna, 2010

<http://www.cnr.it/prodotto/i/117154>

info:cnr-pdr/source/autori:Capuani S./congresso_nome:XCVI Convegno
SIF/congresso_luogo:Bologna/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo
_pagine:

68)-Studio di fenomeni di diffusione anomala mediante tecniche di RMN

Capuani; S.

XCVI Convegno SIF, Bologna, 2010

<http://www.cnr.it/prodotto/i/117155>

info:cnr-pdr/source/autori:Capuani, S./congresso_nome:XCVI Convegno
SIF/congresso_luogo:Bologna/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo
_pagine:

69)-Recent advances on nematic order reconstruction

Barberi R.; Lombardo G.; Hamdi R.; Cosenza F.; Ciuchi F.; AmoddeoA.

Confined Liquid Crystals: Landmarks and Perspectives, Ljubljana, 2010

<http://www.cnr.it/prodotto/i/117157>

info:cnr-pdr/source/autori:Barberi R., Lombardo G., Hamdi R., Cosenza F., Ciuchi F.,
AmoddeoA./congresso_nome:Confined Liquid Crystals: Landmarks and
Perspectives/congresso_luogo:Ljubljana/congresso_data:2010/anno:2010/pagina_da:/pagina_a/
intervallo_pagine:

70)-Nonlinear Dielectric Dynamics of Polymers Probed by FM-EFM

Labardi, M.; Nguyen, K.; Prevosto, D.; Capaccioli, S.; Lucchesi, M.; Rolla, P.

*13th International Conference on Non Contact Atomic Force Microscopy, Kanazawa (Japan),
2010*

<http://www.cnr.it/prodotto/i/117166>

info:cnr-pdr/source/autori:Labardi, M.; Nguyen, K.; Prevosto, D.; Capaccioli, S.; Lucchesi, M.;
Rolla, P./congresso_nome:13th International Conference on Non Contact Atomic Force
Microscopy/congresso_luogo:Kanazawa
(Japan)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

71)-Relaxation properties of polymer nanocomposite: a dielectric spectroscopy insight at the nanometric scale

Prevosto, D.; Labardi, M.; Nguyen, Kim H.; Capaccioli, S.; Lucchesi, M.; Rolla P.

Broadband Dielectric Spectroscopy and its Applications, Madrid, 2010

<http://www.cnr.it/prodotto/i/117167>

info:cnr-pdr/source/autori:Prevosto, D.; Labardi, M.; Nguyen, Kim H.; Capaccioli, S.;
Lucchesi, M.; Rolla P./congresso_nome:Broadband Dielectric Spectroscopy and its

Applications/congresso_luogo:Madrid/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

72)-Relaxation dynamics of ultrathin polymer films investigated on the nanoscale by local dielectric spectroscopy

Nguyen, Kim H.; Prevosto, D.; Labardi, M.; Capaccioli, S.; Lucchesi, M.; Rolla, P. subjectultrathin polymer filmssubjectnanoscalesubjectlocal dielectric spectroscopy

Broadband Dielectric Spectroscopy and its Applications, Madrid, 7-10 / 09 /2010

<http://www.cnr.it/prodotto/i/117168>

info:cnr-pdr/source/autori:Nguyen, Kim H.; Prevosto, D.; Labardi, M.; Capaccioli, S.; Lucchesi, M.; Rolla, P./congresso_nome:Broadband Dielectric Spectroscopy and its Applications/congresso_luogo:Madrid/congresso_data:7-10 / 09 /2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

73)-Coordination and dynamics of fatty acids in the highest-affinity binding site of human serum albumin

Rizzuti B.; Pantusa M.; Sportelli L.; Bartucci R.; Guzzi R.

SIBPA 2010 – 20th Italian conference of SIBPA (Società Italiana di Biofisica Pura e Applicata), Arcidosso (GR), 2010

<http://www.cnr.it/prodotto/i/117169>

info:cnr-pdr/source/autori:Rizzuti B., Pantusa M., Sportelli L., Bartucci R., Guzzi R./congresso_nome:SIBPA 2010 – 20th Italian conference of SIBPA (Società Italiana di Biofisica Pura e Applicata)/congresso_luogo:Arcidosso (GR)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

74)-Dynamical features of stearic acid binding in serum albumin

Guzzi R.; Pantusa M.; Bartucci R.; Sportelli L.; Rizzuti B.

SIF 2010 – 96th National congress of SIF (Società Italiana di Fisica), Bologna, 2010

<http://www.cnr.it/prodotto/i/117170>

info:cnr-pdr/source/autori:Guzzi R., Pantusa M., Bartucci R., Sportelli L., Rizzuti B./congresso_nome:SIF 2010 – 96th National congress of SIF (Società Italiana di Fisica)/congresso_luogo:Bologna/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

75)-Solvent effect on the librational motion of spin-labelled hemoglobin

Scarpelli F.; Bartucci R.; Rizzuti B.; Sportelli L.; Guzzi R.

SIBPA 2010 – 20th National conference of SIBPA (Società Italiana di Biofisica Pura e Applicata), Arcidosso (GR), 2010

<http://www.cnr.it/prodotto/i/117171>

info:cnr-pdr/source/autori:Scarpelli F., Bartucci R., Rizzuti B., Sportelli L., Guzzi R./congresso_nome:SIBPA 2010 – 20th National conference of SIBPA (Società Italiana di Biofisica Pura e Applicata)/congresso_luogo:Arcidosso (GR)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

76)-Molecular binding and recognition in human serum albumin

Rizzuti B.; Bartucci R.; Sportelli L.; Guzzi R.

ISQBP 2010 – President's meeting of ISQBP (International Society of Quantum Biology and Chemistry), Cetraro (CS), 2010

<http://www.cnr.it/prodotto/i/117172>

info:cnr-pdr/source/autori:Rizzuti B., Bartucci R., Sportelli L., Guzzi R./congresso_nome:ISQBP 2010 – President's meeting of ISQBP (International Society of Quantum Biology and Chemistry)/congresso_luogo:Cetraro (CS)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

77)-Density of Spinal Anaesthetic Solutions in Obstetrics and Orthopedics

P.Fini; M.Castagnolo; A.Brizzi; A.Agostiano

AICAT 2010, XXXII National Congress on Calorimetry, Thermal Analysis and Applied Thermodynamic, Trieste, 2010

<http://www.cnr.it/prodotto/i/117173>

info:cnr-pdr/source/autori:P.Fini, M.Castagnolo, A.Brizzi and A.Agostiano/congresso_nome:AICAT 2010, XXXII National Congress on Calorimetry, Thermal Analysis and Applied Thermodynamic/congresso_luogo:Trieste/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

78)-“The role of cyclodextrins in Chl a photoactivity”

Cellamare B. M.; Cosma P.; Fini P.; Agostiano A.

First Summer School on Cyclodextrins, pharmaceutical applications: state of art and perspectives, Alghero, 2010

<http://www.cnr.it/prodotto/i/117174>

info:cnr-pdr/source/autori:Cellamare B. M., Cosma P., Fini P., Agostiano A./congresso_nome:First Summer School on Cyclodextrins, pharmaceutical applications: state of art and perspectives/congresso_luogo:Alghero/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

79)-A different music: photosynthetic bacteria playing heavy metal

Trotta Msubjectheavy metalssubjectrhodobacter sphaeroides

PHOTOBIOLOGY 2010 3rd Joint Meeting of the French Society for Photobiology and the Italian Society for Photobiology, Paris, France, 25-26/10/2010

<http://www.cnr.it/prodotto/i/117175>

info:cnr-pdr/source/autori:Trotta M/congresso_nome:PHOTOBIOLOGY 2010 3rd Joint Meeting of the French Society for Photobiology and the Italian Society for Photobiology/congresso_luogo:Paris, France/congresso_data:25-26/10/2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

80)-Interaction of photosynthetic bacteria with chromate: investigation by combining atomic force microscopy, ATR-FTIR spectroscopy and proteomic techniques

Italiano F.; Milano F; Agostiano A.; Ceci L; ; De Leo F; Gallerani R; Rinalducci S; Zolla L; Trotta; Msubjectheavy metalssubjectInfrared spectroscopysubjectrhodobacter sphaeroides

PHOTOBIOLOGY 2010 3rd Joint Meeting of the French Society for Photobiology and the Italian Society for Photobiology, Paris, France, 25-26/10/2010

<http://www.cnr.it/prodotto/i/117176>

info:cnr-pdr/source/autori:Italiano F., Milano F, Agostiano A., Ceci L,, De Leo F,Gallerani R, Rinalducci S, Zolla L, Trotta, M/congresso_nome:PHOTOBIOLOGY 2010 3rd Joint Meeting of the French Society for Photobiology and the Italian Society for Photobiology/congresso_luogo:Paris, France/congresso_data:25-26/10/2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

81)-Coupling Thin-Layer Chromatography and MALDI-TOF MS to improve bacterial membrane lipids analysis

Carulli S., Calvano D, Italiano F; Trotta M; Cataldi TR, Palmisano FsubjectCoupling Thin-Layer ChromatographysubjectMALDI-TOF MSsubjectLipidssubjectrhodobacter sphaeroides

MASSA 2010 - 6th MS-Pharmaday. Joint meeting of the Division of Mass Spectrometry of the Italian Chemical Society and the sixth edition of MS-Pharmaday, Milano, 06-08/10/2010

<http://www.cnr.it/prodotto/i/117177>

info:cnr-pdr/source/autori:Carulli S., Calvano D, Italiano F; Trotta M; Cataldi TR, Palmisano F/congresso_nome:MASSA 2010 - 6th MS-Pharmaday. Joint meeting of the Division of Mass Spectrometry of the Italian Chemical Society and the sixth edition of MS-Pharmaday/congresso_luogo:Milano/congresso_data:06-08/10/2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

82)-“Emergence of new functions in nanostructured materials: engineering colloidal nanocrystals for nanocomposites and assemblies” Workshop

Curri ML

Workshop "Fourth Black Forest Focus in Soft Matter", Titisee (Black Forest) (German, 2010

<http://www.cnr.it/prodotto/i/117180>

info:cnr-pdr/source/autori:Curri ML/congresso_nome:Workshop "Fourth Black Forest Focus in Soft Matter"/congresso_luogo:Titisee (Black Forest)
(German/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

83)-"Towards Emergence of New Function by Engineering Materials: Colloidal Nanocrystals as Building Blocks for Nanocomposites and Assemblies"

Curri ML

Hybrid Optoelectronic and Photovoltaic Devices for Renewable Energy, San Sebastian Spain, 2010

<http://www.cnr.it/prodotto/i/117181>

info:cnr-pdr/source/autori:Curri ML/congresso_nome:Hybrid Optoelectronic and Photovoltaic Devices for Renewable Energy/congresso_luogo:San Sebastian Spain/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

84)-"Colloidal chemistry routes for fabrication of nanoparticle based metamaterials"

Curri ML

SPIE Photonics Europe, Brussels, 2010

<http://www.cnr.it/prodotto/i/117182>

info:cnr-pdr/source/autori:Curri ML/congresso_nome:SPIE Photonics Europe/congresso_luogo:Brussels/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

85)-Trindole Columnar Mesophases With High Hole Mobility

Pandey U.K.; Termine R.; Garcia-Frutos E.M.; Gómez-Lor B.; Golemme A.

ICL 2010 Convegno Nazionale della Società Italiana Cristalli Liquidi, Cetraro (CS), 2010

<http://www.cnr.it/prodotto/i/117183>

info:cnr-pdr/source/autori:Pandey U.K., Termine R., Garcia-Frutos E.M., Gómez-Lor B., Golemme A./congresso_nome:ICL 2010 Convegno Nazionale della Società Italiana Cristalli Liquidi/congresso_luogo:Cetraro (CS)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

86)-Skewed Coherent Electrostatic Structures: their electric field and particle distributions

Nocera L.subjectelectrostatic tripolar spikessubjectVlasov equationssubjectdiscontinuous distribution funcionssubjectelectric potential profile asymmetry

EGU General Assembly, Vienna, 1-7/05/2010

<http://www.cnr.it/prodotto/i/117196>

info:cnr-pdr/source/autori:Nocera L./congresso_nome:EGU General Assembly/congresso_luogo:Vienna/congresso_data:1-7/05/2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

87)-Hydrodynamic interactions: from Brownian motion to swimming bacteria

Di Leonardo; R.

Congresso Nazionale della Societa' Italiana di Fisica, Bologna, 2010

<http://www.cnr.it/prodotto/i/117203>

info:cnr-pdr/source/autori:Di Leonardo, R./congresso_nome:Congresso Nazionale della Societa' Italiana di Fisica/congresso_luogo:Bologna/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

88)-Holographic bending of lipid microtubules

Di Leonardo; R.

SPIE-Optical Trapping and Optical Micromanipulation VII, San Diego, USA, 2010

<http://www.cnr.it/prodotto/i/117204>

info:cnr-pdr/source/autori:Di Leonardo, R./congresso_nome:SPIE-Optical Trapping and Optical Micromanipulation VII/congresso_luogo:San Diego, USA/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

89)-Hydrodynamic interactions: from Brownian motion to swimming bacteria

Di Leonardo; R.

Trends in Optical Micromanipulation II, Obergurgl, Austria, 2010

<http://www.cnr.it/prodotto/i/117206>

info:cnr-pdr/source/autori:Di Leonardo, R./congresso_nome:Trends in Optical Micromanipulation II/congresso_luogo:Obergurgl, Austria/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

90)-Water diffusion behavior in bone marrow

S. De Santis and S. Capuani

ISMRM, 18th Scientific Meeting & Exhibition, Stockholm (Svezia), 2010

<http://www.cnr.it/prodotto/i/117228>

info:cnr-pdr/source/autori:S. De Santis and S. Capuani/congresso_nome:ISMRM, 18th Scientific Meeting & Exhibition/congresso_luogo:Stockholm (Svezia)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

91)-Internal gradient evaluation in spongy bone heel as a potential marker for osteoporosis disease

M. Rebutzi; F. Fasano; V. Vinicola; G. Hagberg; M. Di Mario; B. Maraviglia; S. Capuani

ISMRM, 18th Scientific Meeting & Exhibition, Stockholm (Svezia), 2010

<http://www.cnr.it/prodotto/i/117229>

info:cnr-pdr/source/autori:M. Rebuzzi, F. Fasano, V. Vinicola, G. Hagberg, M. Di Mario, B. Maraviglia, and S. Capuani/congresso_nome:ISMIRM, 18th Scientific Meeting & Exhibition/congresso_luogo:Stockholm (Svezia)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

92)-High-resolution DTI to study articular cartilage dehydration

C. E. Gruber; S. Capuani; G. Giulietti; T. Gili; B. Maraviglia
ISMIRM, 18th Scientific Meeting & Exhibition, Stockholm (Svezia), 2010

<http://www.cnr.it/prodotto/i/117230>

info:cnr-pdr/source/autori:C. E. Gruber, S. Capuani, G. Giulietti, T. Gili, and B. Maraviglia/congresso_nome:ISMIRM, 18th Scientific Meeting & Exhibition/congresso_luogo:Stockholm (Svezia)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

93)-New invariant indexes to quantify water anomalous diffusion in brain

S. De Santis S. Capuani A. Gabrielli and B. Maraviglia
ISMIRM, 18th Scientific Meeting & Exhibition, Stockholm (Svezia), 2010

<http://www.cnr.it/prodotto/i/117231>

info:cnr-pdr/source/autori:S. De Santis S. Capuani A. Gabrielli and B. Maraviglia/congresso_nome:ISMIRM, 18th Scientific Meeting & Exhibition/congresso_luogo:Stockholm (Svezia)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

94)-Synthesis of Yb/TiO₂ nanocomposites by laser ablation in reversed micellar solutions

P. Calandra; V. Turco Liveri; S. Trusso; D. Lombardo; A. Pistone
NANO 2010, Roma, 2010

<http://www.cnr.it/prodotto/i/117243>

info:cnr-pdr/source/autori:P. Calandra, V. Turco Liveri, S. Trusso, D. Lombardo, A. Pistone/congresso_nome:NANO 2010/congresso_luogo:Roma/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

95)-laser ablation process vs different laser wavelengths for 18 diverse spray paints used for graffiti on the monuments and historical mansions

Daurelio G; Comparelli R; Catalano IM; Andriani SP
XVIII International Symposium on Gas Flow and Chemical Lasers and Chemical Lasers & High Power Lasers, Sofia, Bulgaria, 2010

<http://www.cnr.it/prodotto/i/117250>

info:cnr-pdr/source/autori:Daurelio G, Comparelli R, Catalano IM, Andriani SP/congresso_nome:XVIII International Symposium on Gas Flow and Chemical Lasers and Chemical Lasers & High Power Lasers/congresso_luogo:Sofia, Bulgaria/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

96)-Evaluation of laser percussion micro-drilling process vs. different laser wavelengths for 25 different metals, alloys and steels, frequently used in SME and industries

Daurelio G; Comparelli R; Catalano I M; Minutolo F M C; Andriani S E

XVIII International Symposium on Gas Flow and Chemical Lasers and Chemical Lasers & High Power Lasers, Sofia (Bulgaria), 2010

<http://www.cnr.it/prodotto/i/117251>

info:cnr-pdr/source/autori:Daurelio G, Comparelli R, Catalano I M, Minutolo F M C, Andriani S E/congresso_nome:XVIII International Symposium on Gas Flow and Chemical Lasers and Chemical Lasers & High Power Lasers/congresso_luogo:Sofia (Bulgaria)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

97)-“Evaluation and Testing of a new absorbing overcoat for a easy laser ablation of the hard graffiti from the stony monuments”

Daurelio G; Comparelli R.; Catalano I. M.

XVIII International Symposium on Gas Flow and Chemical Lasers and Chemical Lasers & High Power Lasers, Sofia (Bulgaria), 2010

<http://www.cnr.it/prodotto/i/117252>

info:cnr-pdr/source/autori:Daurelio G, Comparelli R., Catalano I. M./congresso_nome:XVIII International Symposium on Gas Flow and Chemical Lasers and Chemical Lasers & High Power Lasers/congresso_luogo:Sofia (Bulgaria)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

98)-“Nanocrystals In Phospholipid Micelles: Building Blocks For Bioconjugated Structures“

Depalo N; Mallardi A; . Carrieri P; Comparelli R; Striccoli M; Agostiano A; Curri ML

3rd EuCheMS Chemistry Congress, Nuremberg (Germany), 2010

<http://www.cnr.it/prodotto/i/117253>

info:cnr-pdr/source/autori:Depalo N, Mallardi A,. Carrieri P, Comparelli R,Striccoli M, Agostiano A, Curri ML/congresso_nome:3rd EuCheMS Chemistry Congress/congresso_luogo:Nuremberg (Germany)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

99)-Surface-enhanced Raman scattering (SERS) from SnO₂ material

Fazio E.; Neri F.; Trusso S.subjectTin OxidesubjectLaser AblationsubjectSERS

GISR 2010, Firenze, 2010

<http://www.cnr.it/prodotto/i/117254>

info:cnr-pdr/source/autori:Fazio E.; Neri F.; Trusso S./congresso_nome:GISR 2010/congresso_luogo:Firenze/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

100)-"Multicolor emission from semiconductor nanocrystal patterns obtained by microcontact printing",

Altomare M; Fanizza E; Corricelli M; Striccoli M; Agostiano M; Curri ML
rd EuCheMS Chemistry Congress, Nuremberg (Germany), 2010

<http://www.cnr.it/prodotto/i/117255>

info:cnr-pdr/source/autori:Altomare M, Fanizza E, Corricelli M, Striccoli M, Agostiano M, Curri ML/congresso_nome:rd EuCheMS Chemistry Congress/congresso_luogo:Nuremberg (Germany)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

101)-Highly luminescent nanocrystal/conjugated polymer nanocomposites for ink-jet printing

Binetti E; Ingrosso C; Striccoli M; Cosma C; Agostiano A; Kim YJ; Brugger J; Curri ML
1th International Symposium on RF MEMS and RF Microsystems, Otranto (Le), 2010

<http://www.cnr.it/prodotto/i/117256>

info:cnr-pdr/source/autori:Binetti E, Ingrosso C, Striccoli M, Cosma C, Agostiano A, Kim YJ, Brugger J, Curri ML/congresso_nome:1th International Symposium on RF MEMS and RF Microsystems/congresso_luogo:Otranto (Le)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

102)-Au based Nanocomposites Towards Plasmonic Applications

Panniello A; Curri ML; Placido T; Reboud V; Kehagias; Sotomayor Torres C; Mecerreyes D; Agostiano A; Striccoli M

5th INTERNATIONAL CONFERENCE ON TIMES OF POLYMERS (TOP) & COMPOSITES, Ischia (Italy), 2010

<http://www.cnr.it/prodotto/i/117257>

info:cnr-pdr/source/autori:Panniello A, Curri ML, Placido T, Reboud V, Kehagias, Sotomayor Torres C, Mecerreyes D, Agostiano A, Striccoli M/congresso_nome:5th INTERNATIONAL CONFERENCE ON TIMES OF POLYMERS (TOP) & COMPOSITES/congresso_luogo:Ischia (Italy)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

103)-"Conjugated Polymer and Luminescent Nanocrystals for Ink-Jet Printing"

Binetti E; Ingrosso C; Striccoli M; Cosma P; Agostiano A; Kim JY; Brugger J; Curri ML
5th INTERNATIONAL CONFERENCE ON TIMES OF POLYMERS (TOP) & COMPOSITES,, Ischia (Italy), 2010

<http://www.cnr.it/prodotto/i/117260>

info:cnr-pdr/source/autori:Binetti E, Ingrosso C, Striccoli M, Cosma P, Agostiano A, Kim JY, BruggerJ, Curri ML/congresso_nome:5th INTERNATIONAL CONFERENCE ON TIMES OF POLYMERS (TOP) & COMPOSITES,/congresso_luogo:Ischia (Italy)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

104)-Photocatalytic activity of metal/semiconductor based nanosized catalysts under UV irradiation

Petronella F; Fanizza E; Striccoli M; Mascolo G; Diomede S; Locaputo V; Agostiano A; Curri ML; Comparelli R

XXXIX Congresso Nazionale Di Chimica Fisica, Stresa (Lago Maggiore), 2010

<http://www.cnr.it/prodotto/i/117261>

info:cnr-pdr/source/autori:Petronella F, Fanizza E, Striccoli M, Mascolo G, Diomede S, Locaputo V, Agostiano A, Curri ML, Comparelli R/congresso_nome:XXXIX Congresso Nazionale Di Chimica Fisica/congresso_luogo:Stresa (Lago Maggiore)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

105)-“Multicolour emitting assembly of semiconductor nanocrystals onto patterned substrates”

Altomare M; Fanizza E; Corricelli M; Striccoli M; Agostiano A; . Curri ML

NaNax 4 – Nanoscience with Nanocrystals, Munich - Tutzing (Germany), 2010

<http://www.cnr.it/prodotto/i/117262>

info:cnr-pdr/source/autori:Altomare M, Fanizza E, Corricelli M, Striccoli M, Agostiano A, Curri ML/congresso_nome:NaNax 4 – Nanoscience with Nanocrystals/congresso_luogo:Munich - Tutzing (Germany)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

106)-“Fabrication and structural investigation of superlattices formed by mono- and bi-modal PbS nanocrystal families”

M. Corricelli M; Striccoli M; Falqui A; Giannini C; Altamura D; De Caro L; Agostiano A; Curri ML

NaNax 4 – Nanoscience with Nanocrystals, Munich - Tutzing (Germany), 2010

<http://www.cnr.it/prodotto/i/117266>

info:cnr-pdr/source/autori:M. Corricelli M, Striccoli M, Falqui A, Giannini C, Altamura D, De Caro L, Agostiano A, Curri ML/congresso_nome:NaNax 4 – Nanoscience with Nanocrystals/congresso_luogo:Munich - Tutzing (Germany)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

107)-“Influence of chemical environment on the recombination dynamics of nanocrystal based luminescent nanocomposites”

A. Panniello; R. Comparelli; M. L. Curri; A. Agostiano; R. Tommasi; M. Striccoli

NaNaX 4 – Nanoscience with Nanocrystals, Munich - Tutzing (Germany), 2010

<http://www.cnr.it/prodotto/i/117267>

info:cnr-pdr/source/autori:A. Panniello, R. Comparelli, M. L. Curri, A. Agostiano, R. Tommasi, M. Striccoli/congresso_nome:NaNaX 4 – Nanoscience with Nanocrystals/congresso_luogo:Munich - Tutzing (Germany)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

108)-“2/3D organization of CdS nanocrystals: towards innovative functional materials”

Di Mauro E A; Comparelli R; Fanizza E; Depalo N; Striccoli M; Agostiano A; Curri ML
XXIX Congresso Nazionale Di Chimica Fisica - CF2010, Stresa (Lago Maggiore, 2010

<http://www.cnr.it/prodotto/i/117268>

info:cnr-pdr/source/autori:Di Mauro E A, Comparelli R, Fanizza E, Depalo N, Striccoli M, Agostiano A, Curri ML/congresso_nome:XXIX Congresso Nazionale Di Chimica Fisica - CF2010/congresso_luogo:Stresa (Lago Maggiore)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

109)-“Nanocrystal based luminescent nanocomposites: effect of synthetic parameters and chemical environment on the recombination dynamics”

Panniello A; Comparelli R; Curri ML; Agostiano A; Tommasi R; Striccoli M
XXXIX Congresso Nazionale Di Chimica Fisica - CF2010, Stresa (Lago Maggiore), 2010

<http://www.cnr.it/prodotto/i/117271>

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110)-“Luminescent semiconductor nanocrystal on micro-contact printing patterned surfaces”

Altomare M; Fanizza E; Corricelli M; Striccoli M; Agostiano a; Curri ML
XXXIX Congresso Nazionale Di Chimica Fisica - CF2010, Stresa (Lago Maggiore), 2010

<http://www.cnr.it/prodotto/i/117272>

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111)-Colloidal functional nanocrystals for the fabrication of complex 2/3 dimensional architectures”

Fanizza E; Corricelli M; Depalo N; Altomare M; Comparelli R; Striccoli M; Agostiano A; Curri ML

3° Forum Nazionale dei Giovani Ricercatori di Scienza e Tecnologia dei Materiali, Padova, 2010

<http://www.cnr.it/prodotto/i/117273>

info:cnr-pdr/source/autori:Fanizza E, Corricelli M, Depalo N, Altomare M, Comparelli R, Striccoli M, Agostiano A, Curri ML/congresso_nome:3° Forum Nazionale dei Giovani Ricercatori di Scienza e Tecnologia dei Materiali/congresso_luogo:Padova/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

112)-“Colloidal Nanocrystals: Novel Perspective for Biological Applications”

Comparelli R

3° Forum Nazionale dei Giovani Ricercatori di Scienza e Tecnologia dei Materiali, Padova, 2010

<http://www.cnr.it/prodotto/i/117274>

info:cnr-pdr/source/autori:Comparelli R/congresso_nome:3° Forum Nazionale dei Giovani Ricercatori di Scienza e Tecnologia dei Materiali/congresso_luogo:Padova/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

113)-LINEAR AND NONLINEAR SPECTROSCOPIES AND CHIRALITY

Rizzo; Antonio

Nordic-China symposium on molecular bio- and nanoscience, Hefei, China, 2010

<http://www.cnr.it/prodotto/i/117289>

info:cnr-pdr/source/autori:Rizzo, Antonio/congresso_nome:Nordic-China symposium on molecular bio- and nanoscience/congresso_luogo:Hefei, China/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

114)-Tunable metamaterials for Micro wave and Terahertz applications

Chikhi N.; Di Gennaro E.; Andreone A.; Esposito E.; Gallina I.; Castaldi G.; Galdi V.; Giocondo M.; Pane A.(4)

5th Italian Workshop on Metamaterials and Special Materials for Electromagnetic Applications and TLC, Roma, 2010

<http://www.cnr.it/prodotto/i/117294>

info:cnr-pdr/source/autori:Chikhi N., Di Gennaro E., Andreone A., Esposito E., Gallina I., Castaldi G., Galdi V., Giocondo M., Pane A.(4)/congresso_nome:5th Italian Workshop on Metamaterials and Special Materials for Electromagnetic Applications and TLC/congresso_luogo:Roma/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

115)-Thereshold Temperature Visual Indicators from Bio-related Polymer Blends

Pucci, A.; Signori, F.; Bizzarri, R.; Bronco, S.; Ruggeri, G.; Ciardelli, F.

6th Conference on Nanostructured Polymers and Nanocomposites, Madrid, 2010

<http://www.cnr.it/prodotto/i/117314>

info:cnr-pdr/source/autori:Pucci, A.; Signori, F.; Bizzarri, R.; Bronco, S.; Ruggeri, G.; Ciardelli, F./congresso_nome:6th Conference on Nanostructured Polymers and Nanocomposites/congresso_luogo:Madrid/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

116)-Luminescent biodegradable multiphase materisals as smart indicators to thermal stress

Pucci, A.; Signori, F.; Bizzarri, R.; Bronco, S.; Ruggeri, G.; Ciardelli, F.

International Conference Interfaces & Interphases in Multicomponent Materials (IIMM), Sheffield, 2010

<http://www.cnr.it/prodotto/i/117315>

info:cnr-pdr/source/autori:Pucci, A.; Signori, F.; Bizzarri, R.; Bronco, S.; Ruggeri, G.; Ciardelli, F./congresso_nome:International Conference Interfaces & Interphases in Multicomponent Materials (IIMM)/congresso_luogo:Sheffield/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

117)-Color responsive smart polymers and biopolymers films through nanodispersion of organic chromophores and metal particles

Pucci, A.; Ruggeri, G.; Bronco, S.; Signori, F.; Ciardelli, F.

FATIPEC 2010, Genova, 2010

<http://www.cnr.it/prodotto/i/117316>

info:cnr-pdr/source/autori:Pucci, A.; Ruggeri, G.; Bronco, S.; Signori, F.; Ciardelli, F./congresso_nome:FATIPEC 2010/congresso_luogo:Genova/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

118)-Compatibilizzazione di miscele PLA/PBAT mediante formazione in-situ di copolimeri durante il processo di miscelazione nel fuso

Bronco, S.; Signori, F.; Coltelli, M.-B.; Ciardelli, F.

1° Congresso Nazionale sugli imballaggi in polimeri biodegradabili, Parma, 2010

<http://www.cnr.it/prodotto/i/117317>

info:cnr-pdr/source/autori:Bronco, S.; Signori, F.; Coltelli, M.-B.; Ciardelli, F./congresso_nome:1° Congresso Nazionale sugli imballaggi in polimeri biodegradabili/congresso_luogo:Parma/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

119)-SPECTRAL DEPENDENCE OF THE AMPLIFICATION FACTOR IN SURFACE ENHANCED RAMAN SCATTERING

C. D'Andrea; B. Fazio; A. Irrera; P. Artoni; O. M. Maragò; M. A. Iatì; G. Calogero; P. G. Gucciardi

PRIMO WORKSHOP DEL GRUPPO BIOSENSORI OTTICI E BIOFOTONICA, Firenze, 2010

<http://www.cnr.it/prodotto/i/117320>

info:cnr-pdr/source/autori:C. D'Andrea, B. Fazio, A. Irrera, P. Artoni, O. M. Maragò, M. A. Iatì, G. Calogero, P. G. Gucciardi/congresso_nome:PRIMO WORKSHOP DEL GRUPPO BIOSENSORI OTTICI E BIOFOTONICA/congresso_luogo:Firenze/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

120)-LASER INDUCED PHOTOTHERMAL AGGREGATION OF GOLD NANORODS FOR SERS DETECTION OF BIOMOLECULES IN LIQUID ENVIRONMENT

B. Fazio; C. D'Andrea; V. Villari; N. Micali; O. M. Maragò; M. A. Iatì; G. Calogero; P. G. Gucciardi

PRIMO WORKSHOP DEL GRUPPO BIOSENSORI OTTICI E BIOFOTONICA, Sesto Fiorentino, 2010

<http://www.cnr.it/prodotto/i/117321>

info:cnr-pdr/source/autori:B. Fazio, C. D'Andrea, V. Villari, N. Micali, O. M. Maragò, M. A. Iatì, G. Calogero, P. G. Gucciardi/congresso_nome:PRIMO WORKSHOP DEL GRUPPO BIOSENSORI OTTICI E BIOFOTONICA/congresso_luogo:Sesto Fiorentino/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

121)-Strongly polarized emission in Surface Enhanced Raman Scattering of randomly distributed molecules on gold nanowires

B. Fazio; P. G. Gucciardi; F. Bonaccorso; C. Vasi; M. Allegrini; A. Toma; D. Chiappe; F. Buatier de Mongeot

META10, Il Cairo, 2010

<http://www.cnr.it/prodotto/i/117322>

info:cnr-pdr/source/autori:B. Fazio, P. G. Gucciardi, F. Bonaccorso, C. Vasi, M. Allegrini, A. Toma, D. Chiappe, F. Buatier de Mongeot/congresso_nome:META10/congresso_luogo:Il Cairo/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

122)-A Raman study of MMP and MnSOD, two pathology biomarkers

David, C; D'Andrea, C; Fazio, B; Marago, OM; Gucciardi, PG; de la Chapelle, ML

XXII INTERNATIONAL CONFERENCE ON RAMAN SPECTROSCOPY, Boston, 2010

<http://www.cnr.it/prodotto/i/117323>

info:cnr-pdr/source/autori:David, C; D'Andrea, C; Fazio, B; Marago, OM; Gucciardi, PG; de la Chapelle, ML/congresso_nome:XXII INTERNATIONAL CONFERENCE ON RAMAN SPECTROSCOPY/congresso_luogo:Boston/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

123)-Plasmon-Enhanced Optical Trapping of Metal Nanoparticles: scaling laws, light-driven rotations and manipulation of nano-aggregates

O.M. Maragò; R. Saija; F. Borghese; P. Denti; P.H. Jones; E. Messina; G. Compagnini; V. Amendola; M. Meneghetti; M.A. Iatì; P.G. Gucciardi

SPIE Conference on Optical Trapped and Optical Micromanipulation VII, San Diego, 2010

<http://www.cnr.it/prodotto/i/117324>

info:cnr-pdr/source/autori:O.M. Maragò, R. Saija, F. Borghese, P. Denti, P.H. Jones, E. Messina, G. Compagnini, V. Amendola, M. Meneghetti, M.A. Iatì, P.G. Gucciardi/congresso_nome:SPIE Conference on Optical Trapped and Optical Micromanipulation VII/congresso_luogo:San Diego/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

124)-Femtonewton force sensing and optical trapping of nanotubes and graphene

O. M. Maragò; F. Bonaccorso; P. G. Gucciardi; M. A. Iatì; G. Calogero; Philip H. Jones; R. Saija; F. Borghese; P. Denti; A. C. Ferrari

SPIE Photonics, San Diego, 2010

<http://www.cnr.it/prodotto/i/117325>

info:cnr-pdr/source/autori:O. M. Maragò, F. Bonaccorso, P. G. Gucciardi, M. A. Iatì, G. Calogero, Philip H. Jones, R. Saija, F. Borghese, P. Denti, A. C. Ferrari/congresso_nome:SPIE Photonics/congresso_luogo:San Diego/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

125)-LASER INDUCED AGGREGATION OF GOLD NANORODS FOR SERS DETECTION OF BIOMOLECULES IN LIQUID ENVIRONMENT

C. D'Andrea; B. Fazio; V. Villari; N. Micali; O. Maragò; M.A. Iatì; G. Calogero; P.G. Gucciardi

1° GIORNATA DI STUDIO DEL DOTTORATO DI RICERCA IN FISICA DELL'UNIVERSITÀ DI MESSINA, Messina, 2010

<http://www.cnr.it/prodotto/i/117326>

info:cnr-pdr/source/autori:C. D'Andrea, B. Fazio, V. Villari, N. Micali, O. Maragò, M.A. Iatì, G. Calogero, P.G. Gucciardi/congresso_nome:1° GIORNATA DI STUDIO DEL DOTTORATO DI RICERCA IN FISICA DELL'UNIVERSITÀ DI MESSINA/congresso_luogo:Messina/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

126)-Polarization-sensitive Tip Enhanced Raman Scattering

P. G. Gucciardi; F. Bonaccorso; M. Lopes; D. Barchiesi; R. D turche; M. Lamy de la Chapelle; A. Merlen; J. – C. Valmalette; G. Picardi; A. Frigout; R. Ossikovski
META 10, Il Cairo, 2010

<http://www.cnr.it/prodotto/i/117327>

info:cnr-pdr/source/autori:P. G. Gucciardi, F. Bonaccorso, M. Lopes, D. Barchiesi, R. D turche, M. Lamy de la Chapelle, A. Merlen, J. – C. Valmalette, G. Picardi, A. Frigout, R. Ossikovski/congresso_nome:META 10/congresso_luogo:Il Cairo/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

127)-Plasmon enhanced optical trapping of metal nanoparticles: scaling laws and light-driven rotations

O.M. Marag ; R. Saija; F. Borghese; P. Denti; M.A. Iat ; P.H. Jones; P.G. Gucciardi
META10, Il Cairo, 2010

<http://www.cnr.it/prodotto/i/117328>

info:cnr-pdr/source/autori:O.M. Marag , R. Saija, F. Borghese, P. Denti, M.A. Iat , P.H. Jones, and P.G. Gucciardi/congresso_nome:META10/congresso_luogo:Il Cairo/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

128)-Plasmon enhanced optical trapping in the T-matrix formalism

R. Saija; F. Borghese; P. Denti; P.G. Gucciardi; M.A. Iat ; O.M. Marag 
META 10, Il Cairo, 2010

<http://www.cnr.it/prodotto/i/117329>

info:cnr-pdr/source/autori:R. Saija, F. Borghese, P. Denti, P.G. Gucciardi, M.A. Iat , and O.M. Marag /congresso_nome:META 10/congresso_luogo:Il Cairo/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

129)-Distribution of heavy metals in sediments from the Gulf of Follonica (Tuscany, Italy):

Frassinetti S.; Morelli E.; Pitzalis E.; Caltavuturo L.; Mascherpa M.C.
SETAC Europe 20 th Annual Meeting, Siviglia (Spain), 2010

<http://www.cnr.it/prodotto/i/117330>

info:cnr-pdr/source/autori:Frassinetti S., Morelli E., Pitzalis E., Caltavuturo L., Mascherpa M.C./congresso_nome:SETAC Europe 20 th Annual Meeting/congresso_luogo:Siviglia (Spain)/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

130)-Optical trapping of porous silicon nanoparticles

Maria G. Donato; Marco A. Monaca; Giuliana Faggio; Pietro G. Gucciardi; Domenico Alfieri; Silvia Milana; Pietro Tripodi; Luca De Stefano; Onofrio M. Marag 

PRIMO WORKSHOP DEL GRUPPO BIOSENSORI OTTICI E BIOFOTONICA, Sesto Fiorentino, 2010

<http://www.cnr.it/prodotto/i/117332>

info:cnr-pdr/source/autori:Maria G. Donato, Marco A. Monaca, Giuliana Faggio, Pietro G. Gucciardi, Domenico Alfieri, Silvia Milana, Pietro Tripodi, Luca De Stefano and Onofrio M. Maragò/congresso_nome:PRIMO WORKSHOP DEL GRUPPO BIOSENSORI OTTICI E BIOFOTONICA/congresso_luogo:Sesto Fiorentino/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

131)-SUB-SURFACE FLUORESCENCE IMAGING OF CYCLODEXTRIN-PORPHYRIN VESICLES BY APERTURE SCANNING NEAR-FIELD OPTICAL MICROSCOPY

F. Bonaccorso; A. Mazzaglia; L. Monsù Scolaro; A. Valerio; A. Rencurosi; L. Lay; U. Giorgianni; N. Micali; V. Villari; C. D'Andrea; B. Fazio; O. M. Maragò; P. G. Gucciardi
PRIMO WORKSHOP DEL GRUPPO BIOSENSORI OTTICI E BIOFOTONICA, Sesto Fiorentino, 2010

<http://www.cnr.it/prodotto/i/117333>

info:cnr-pdr/source/autori:F. Bonaccorso, A. Mazzaglia, L. Monsù Scolaro, A. Valerio, A. Rencurosi, L. Lay, U. Giorgianni, N. Micali, V. Villari, C. D'Andrea, B. Fazio, O. M. Maragò, P. G. Gucciardi/congresso_nome:PRIMO WORKSHOP DEL GRUPPO BIOSENSORI OTTICI E BIOFOTONICA/congresso_luogo:Sesto Fiorentino/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

132)-Room Temperature Luminescence from Si Nanowires

A. Irrera; P. Artoni; F. Iacona; G. Franzò; M. Galli; B. Fazio; F. Priolo
MRS Fall Meeting, Boston, 2010

<http://www.cnr.it/prodotto/i/117405>

info:cnr-pdr/source/autori:A. Irrera, P. Artoni, F. Iacona, G. Franzò, M. Galli, B. Fazio, F. Priolo/congresso_nome:MRS Fall Meeting/congresso_luogo:Boston/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

133)-Extinction by stratified interstellar dust grains

Iati' M. A.
Electromagnetic and Light Scattering 12, Helsinki, 2010

<http://www.cnr.it/prodotto/i/117421>

info:cnr-pdr/source/autori:Iati' M. A./congresso_nome:Electromagnetic and Light Scattering 12/congresso_luogo:Helsinki/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

134)-La formazione di molecole prebiotiche nello spazio

Iati' M. A.

Appunti di Fisica Teorica IV, Messina, 2010

<http://www.cnr.it/prodotto/i/117422>

info:cnr-pdr/source/autori:Iati' M. A./congresso_nome:Appunti di Fisica Teorica IV/congresso_luogo:Messina/congresso_data:2010/anno:2010/pagina_da:/pagina_a:/intervallo_pagine:

135)-Structural, Dynamical and Optical Properties of Self-Assembled Porphyrins at the Mesoscopic scale

Villari V.; Micali N.; Monsù L
, 2010

<http://www.cnr.it/prodotto/i/137278>

info:cnr-pdr/source/autori:Villari V., Micali N., Monsù L/titolo:Structural, Dynamical and Optical Properties of Self-Assembled Porphyrins at the Mesoscopic scale/titolo_volume:/curatori_volume:/editore:/anno:2010

136)-Random Lasing in Liquid Crystals

V. Barna; A. De Luca; S. Ferjani; G. Strangi; C. Versace
, 2010

<http://www.cnr.it/prodotto/i/137279>

info:cnr-pdr/source/autori:V. Barna, A. De Luca, S. Ferjani, G. Strangi, and C. Versace/titolo:Random Lasing in Liquid Crystals/titolo_volume:/curatori_volume:/editore:/anno:2010

137)-Intraocular lens surface properties investigated with nanometer scale resolution using Atomic Force Microscopy

Lombardo M; De Santo MP; Lombardo G; Carbone G; Serrao S; Barberi R
, pp. 109–124. *Hauppauge: Nova Science Publishers, 2010*

<urn:isbn:978-1-61668-955-1>

info:cnr-pdr/source/autori:Lombardo M, De Santo MP, Lombardo G, Carbone G, Serrao S, Barberi R/titolo:Intraocular lens surface properties investigated with nanometer scale resolution using Atomic Force Microscopy/titolo_volume:/curatori_volume:/editore:

/anno:2010

138)-Liquid Crystal Microlasers

L.M.Blinov and R.Bartolino

2010

<http://www.cnr.it/prodotto/i/137281>

info:cnr-pdr/source/autori:L.M.Blinov and R.Bartolino/titolo:Liquid Crystal Microlasers/editore:/anno:2010

139)-Polarization sensitive Tip-Enhanced Raman Spectroscopy

Gucciardi P.G.; Lamy de La Chapelle M.; Valmalette J.-C.; Picardi G.; Ossikovski R.subjectScanning near-field optical microscopysubjectTip-enhanced Raman spectroscopysubjectPolarized Raman spectroscopysubjectNanoscale imaging

Scanning Probe Microscopy in Nanoscience and Nanotechnology, edited by B. Bhushan, pp. 57–88. Berlin: Springer-Verlag, 2010

<urn:isbn:978-3-642-03534-0>

info:cnr-pdr/source/autori:Gucciardi P.G.; Lamy de La Chapelle M.; Valmalette J.-C.; Picardi G.; Ossikovski R./titolo:Polarization sensitive Tip-Enhanced Raman Spectroscopy/titolo_volume:Scanning Probe Microscopy in Nanoscience and Nanotechnology/curatori_volume:B. Bhushan/editore:

/anno:2010

140)-Photonic Force Microscopy: from FemtoNewton force sensing to Ultra-sensitive Spectroscopy

Maragò O.M.; Gucciardi P.G.; Jones P.H.subjectOptical TweezerssubjectPhotonic Force MicroscopysubjectForce SensingsubjectBionanotechnologysubjectRaman Tweezers

Scanning Probe Microscopy in Nanoscience and Nanotechnology, edited by B. Bhushan, pp. 23–56. Berlin: Springer-Verlag, 2010

<urn:isbn:978-3-642-03534-0>

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/anno:2010

141)-Silice Libera Cristallina nei Luoghi di Lavoro.

Fabio Capacci; Franco Carnevale; Francesco Di Benedettosubjectsilice libera
cristallinasubjectigiene industrialesubjectprevenzionesubjectiron

. Firenze: Giunti, 2010

<http://www.cnr.it/prodotto/i/137287>

info:cnr-pdr/source/autori:Fabio Capacci, Franco Carnevale, Francesco Di
Benedetto/titolo:Silice Libera Cristallina nei Luoghi di
Lavoro./titolo_volume:/curatori_volume:/editore:

/anno:2010

142)-THE NATURE OF GLASS: SOMETHINGS ARE CLEAR

NGAI K.L.; CAPACCIOLI S.; PREVOSTO D.; PALUCH M.subjectglass
transitionssubjectinteracting systemssubjectsecondary relaxationsubjectstructural
relaxationsubjectfrequency dispersion,

, 2010

<http://www.cnr.it/prodotto/i/137290>

info:cnr-pdr/source/autori:NGAI K.L.; CAPACCIOLI S.; PREVOSTO D.; PALUCH
M./titolo:THE NATURE OF GLASS: SOMETHINGS ARE
CLEAR/titolo_volume:/curatori_volume:/editore:/anno:2010

143)-EVIDENCES OF A COMMON SCALING UNDER COOLING AND COMPRESSION FOR SLOW AND FAST RELAXATIONS: RELEVANCE OF LOCAL MODES FOR THE GLASS TRANSITION

CAPACCIOLI S.; KESSAIRI K.; PREVOSTO D.; SHAHIN Md.subjectpressuresubjectbinary
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144)-FRAGILITY AND ANHARMONICITY IN INTERPENETRATING POLYMER NETWORKS

A. Bartolotta; G. Carini; G. D'Angelo, A. Fainleib

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145)-LOCAL and COOPERATIVE Molecular Mobility in semi- and full- Interpenetrating Polymer Networks of Poplycyanurate and Polyurethanes

- A. Bartolotta; G. Di Marco; G. Tripodo; A. Fainleib

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146)-Bioactive Supramolecular Architectures in Electronic Sensing Devices

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149)-Bacterial microcars

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150)-Delivery of a first set of inorganic components inorganic components (Deliverable ORION EU FP7 Project)

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162)-Synthesis of Palladium nanoparticles by pulsed laser ablation in water and their characterization

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163)-Coupling between crystal fusion and mobilization of the rigid amorphous fraction in poly(ethylene terephthalate)

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165)-Alternative synthetic routes for the preparation of PLA/montmorillonite nanocomposites

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166)-An Advanced Numerical Method to Describe Order Dynamics in Nematics

A Amoddeo; G. Lombardo; R. Barberi

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167)-Optical and Structural Properties of a Hybrid Organic-Inorganic Ternary Nanocomposite

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168)-Caratterizzazione della SLC: proprietà ed alterazioni chimico-fisiche

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169)-X-ray Polarization Spectroscopy from Ultra-Intense Interactions

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170)-X-ray diagnostics of fast electrons propagation in high density plasmas obtained by cylindrical compression

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171)-Assorbitore di calore da radiazione solare per motore Stirling

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172)-La fusione anomala degli elementi chimici ad alta pressione

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174)-An Advanced Numerical Method to Describe Order Dynamics in Nematics

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